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ASM

1984 Annual Survey of Manufactures

Value of Product Shipments

M84 (AS)-2



COMPLETED

U.S. Department of Commerce
BUREAU OF THE CENSUS

ORIGINAL

ASM

1984 Annual Survey of Manufactures

Issued May 1986



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U.S. Department of Commerce
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Clarence J. Brown, Deputy Secretary
Sidney Jones, Under Secretary for Economic Affairs

BUREAU OF THE CENSUS
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ASM

1984 Annual Survey of Manufactures

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INTRODUCTION

GENERAL

This report contains estimates of the value of product shipments during 1984 for approximately 1,750 classes of manufactured products for which information was obtained in the 1984 Annual Survey of Manufactures (ASM).

The 1984 product class estimates in the tables are based on reports from a representative sample of about 56,000 manufacturing establishments included in the survey. Comparative data from the 1983 ASM and 1982 Census of Manufactures are also included.

SCOPE AND USE OF ANNUAL SURVEY

The 1984 Annual Survey of Manufactures is the 29th survey of this type conducted by the Bureau of the Census to provide for intercensal years the key measures of manufacturing activity for industry groups and important industries. These key measures, as well as other detailed statistics for manufacturing, were collected in the censuses of manufactures, the three most recent of which covered the years 1972, 1977, and 1982. An annual survey was conducted for each of the years between censuses starting with 1949.

During intercensal periods, these annual surveys provide a continuous series of basic statistics for industries, as well as furnish benchmarks for current business indicators and for measures of industrial production and productivity. The survey also provides significant data in connection with planning for industrial mobilization.

DESCRIPTION OF SURVEY SAMPLE

The statistics presented in the report are estimates compiled for a survey which is composed of two components. The mail portion of the survey is a probability sample of about 56,000 manufacturing establishments selected from a total of about 220,000 establishments. These 220,000 establishments represent all manufacturing establishments of multiunit companies and all single-unit manufacturing establishments mailed schedules in the 1982 Census of Manufactures. This mail portion is supplemented annually by a Social Security Administration list of new single-unit manufacturing establishments opened after 1982 and a list of new multiunit manufacturing establishments identified from the Census Bureau's Company Organization Survey.

The 1984 through 1988 ASM sample differs slightly from the previous sample. For the current panel, all establishments of companies with 1982 shipments in manufacturing in excess of $500 million were included in the survey panel with certainty. There are approximately 500 such companies collectively accounting for approximately 18,000 establishments.

For the remaining portion of the mail survey, the establishment was defined as the sampling unit. All establishments with 250 employees or more in the 1982 census were included in the survey panel with certainty. These establishments collectively account for approximately 62 percent of the total value of shipments for manufacturing establishments in the 1982 census. Smaller establishments were sampled with probabilities ranging from 1.000 to 0.005 in accordance with mathematical theory for optimum allocation of a sample. The probabilities of selection assigned to the smaller establishments were proportional to measures of size determined for each establishment. The measures of size depended directly upon each establishment's 1982 product class values and the historic variability of the year-to-year shipments of each product class. Product classes displaying more volatile year-to-year change in shipments at the establishment level were sampled at a heavier rate.

This method of assigning measures of size was used in order to maximize the precision (that is, minimize the variance of estimates of the year-to-year change) in the value of product class shipments. Implicitly, it also gave weight to differences in employment, value added, and other general statistics, since these are highly correlated with value of shipments. Individual sample selection probabilities were obtained by multiplying each establishment's final measure of size by an overall sampling fraction coefficient calculated to yield a total expected sample size.

The sample selection procedure gave each establishment in the sampling frame an independent chance of selection. This method of independent selection permits the rotation of small establishments out of a given sample panel without introducing a bias into the survey estimates.

The nonmail portion of the survey includes all single-unit establishments that were tabulated as administrative records in the 1982 Census of Manufactures. Although this portion contained approximately 130,000 establishments, it accounted for less than 2 percent of the estimate for total value of shipments at the total manufacturing level. This portion was not sampled; rather, the data for every establishment in this group were estimated based on selected information obtained annually from the administrative records of the Internal Revenue Service and the Social Security Administration. This administrative-record information, which includes payroll, total employment, industry classification, and physical location of the establishment, was obtained under conditions which safeguard the confidentiality of both tax and census records. Estimates of data other than payroll and employment for these small establishments were developed from industry averages.

The corresponding estimates for the mail and nonmail establishments were added together, along with the base-year differences, as defined in the Description of Estimating Procedure section, to produce the figures shown in this publication.

DESCRIPTION OF ESTIMATING PROCEDURE

Most of the ASM estimates for 1984 were computed using a difference estimation procedure. For each item, the difference between the 1982 census published number for an item total and the linear estimate of the totals from the ASM sample was generated. These base-year differences were then added to the corresponding current-year linear estimates, which include the sum of the estimates for the mail and nonmail establishments,

to produce the current-year estimates shown in this publication. Estimates developed by this procedure usually are more reliable than comparable linear estimates developed from the current sample data alone.

QUALIFICATIONS OF THE DATA

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sampled lists but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of the estimates.

The particular sample selected for the ASM is one of a large number of similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretical, comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected statistics in this report. They are presented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjuction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete coverage value would be included in the range:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associate relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors would also occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

DESCRIPTION OF IMPUTATION PROCEDURE

The need for imputation in the ASM arises from several sources. Complete nonresponse, partial nonresponse, inconsistent reported data, and our desire to reduce the reporting burden for small manufacturers are the primary factors contributing to the need for imputation.

In imputing records for nonrespondents, two basic approaches are followed. For most larger establishments, operational information is available from the prior-year ASM. Imputation for 1984 data for establishments with 1983 data available involves adjusting the corresponding 1983 data by estimates of the year-to-year relative change. These estimates are developed based on employment and payroll data from the Bureau of Labor Statistics at the industry group (three-digit SIC) level and are then applied to the 1983 ASM prior-year establishment values for employment and payroll. The remaining data for the establishment are developed based on their prior-year relationship to these two control items. For nonrespondents that have no prior-year record available including establishments not included in the mail portion of the survey, administrative-record data for annual payroll and employment are used. For all other items, industry average relationships between these control items and the item to be imputed are used.

At the total manufacturing level, the overall imputation rate is approximately 7 percent of the published value of shipments figure for 1984. However, this rate varies widely by four-digit industry, five-digit product class, and State total. The imputation rate for four-digit industries ranged from less than 1 percent to near 50 percent. The median imputation rate for a four-digit industry was 9 percent; for a five-digit product class, the rate was some what higher; and for a State total, the rate was comparable to the four-digit industry. Approximately one third of the imputation for the ASM survey was a result of the non-mail portion of the estimate (see above section, "Description of Survey Sample").

PRODUCT CLASSES

A class of product is a grouping of individual products of an industry. It is designated by a five-digit code, the first four digits indicating the industry and the fifth digit, the specific group of products. The value of shipments for a class of product code presented here is on a wherever-made basis; i.e., it represents total shipments by all manufacturing industries (the industry in

which the product class is primary and other industries in which the product class is secondary). In some cases, by definition, a product class is limited to the products of a particular manufacturing process. Wherever another product class accounts for additional production of the same end products, a cross reference is provided, e.g., meat packing plant products: 20116 pork, processed, made in meat packing plants (see code 20136). The total value of shipments of all product classes belonging to an industry is also shown on the same wherever-made basis. It is designated by the four-digit industry code followed by a dash (e.g., 2016-) if the industry has more than one product class and by the four-digit industry code followed by another digit if the industry has only one product class (e.g., 20210). The four-digit product class aggregate is not the same as the total industry value of shipments given in other annual survey tables. This latter total comprises all shipments by establishments classified in the specified industry, including their shipments of product classes primary to other industries of product classes primary to the specified industry. The totals in this report are subject to sampling errors.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

—	Represents zero.
(A)	Standard errors of 100 percent or more.
(D)	Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
(NA)	Not available.
(NC)	Not comparable.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
(X)	Not applicable.
(Z)	Less than half the limit shown.
n.e.c.	Not elsewhere classified.
n.s.k.	Not specified by kind.
pt.	Part.
r	Revised.
SIC	Standard Industrial Classification.

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Table 1. Value of Shipments of Product Classes: 1982 to 1984

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]
		1984	1983	1982	
		A	B	C	A
20	**FOOD AND KINDRED PRODUCTS**				
2011-	**Meat packing plant products**	**40 763.9**	**39 591.5**	**40 522.6**	1
20111	Beef, not canned or made into sausage	21 409.0	20 885.1	20 606.7	1
20112	Veal, not canned or made into sausage	496.3	437.9	361.1	6
20113	Lamb and mutton, not canned or made into sausage	243.0	215.4	270.8	3
20114	Pork, fresh and frozen	7 628.8	7 213.3	8 071.8	1
20115	Lard	349.3	275.4	239.6	2
20116	Pork, processed or cured (not canned or made into sausage), made in meat packing plants (also see code 20136)[2]	2 707.0	2 681.5	3 042.0	1
20117	Sausage and similar products (not canned) made in meat packing plants (also see code 20137)[2]	2 643.9	2 743.6	2 867.8	2
20118	Canned meats, except animal and baby foods, 20 percent or more meat, by slaughterers (also see code 20138)[2]	550.9	574.9	656.2	1
20119	Hides, skins, and pelts	1 307.5	964.2	867.1	5
2011A	Byproducts of meat packing plants, except sausage casings	477.6	286.7	270.2	7
20110	Fresh and frozen meat from animals slaughtered in same establishment, n.s.k.	2 950.5	3 313.4	3 267.3	2
2013-	**Sausages and other prepared meats**	**10 767.2**	**10 669.4**	**10 508.2**	2
20136	Pork, processed, cured, or frozen, not canned or made into sausage, not made in slaughtering plants (also see code 20116)[2]	2 423.6	2 410.0	2 278.5	3
20137	Sausage and similar products, not canned, not made in slaughtering plant (also see code 20117)[2]	3 802.7	3 697.7	3 640.2	2
20138	Canned meats, exc. animal and baby foods, with 20 percent or more meat, not made by slaughterers (also see code 20118)[2]	1 055.3	886.7	890.4	3
2013A	Natural and collagen sausage casings	38.4	51.6	59.8	13
2013B	Other processed, frozen, or cooked meats	1 977.3	1 806.1	1 764.9	6
20130	Sausage and other prepared meats, n.s.k.	1 469.9	1 807.3	1 874.4	11
2016-	**Poultry dressing plant products**	**[3]8 517.6**	**[3]8 220.4**	**[3]7 930.8**	1
20161	Young chickens, including frozen, slaughtered in same establishment (also see code 20171)[2]	[3]6 462.8	[3]6 252.6	[3]6 017.4	1
20162	Hen and/or fowl (including frozen, whole, or parts) slaughtered in same establishment (also see code 20172)[2]	[3]188.5	[3]169.0	[3]175.6	4
20163	Turkeys (including frozen, whole, or parts) slaughtered in same establishment (also see code 20173)[2]	[3]1 504.4	[3]1 342.0	[3]1 272.4	2
20164	Other poultry and small game, including frozen, slaughtered in same establishment (also see code 20174)[2]	[3]71.8	[3]58.7	[3]58.9	6
20165	Processed poultry and small game, except soups, slaughtered in same establishment (also see code 20175)[2]	[3]	[3]	[3]	(X)
20160	Poultry dressing plant products, n.s.k.	290.1	398.1	406.5	3
2017-	**Poultry and egg processing**	**[3]3 089.7**	**[3]2 673.8**	**[3]2 179.2**	3
20171	Young chickens (frozen) including broilers, fryers, roasters, and capons (also see code 20161)[2]	[3]	[3]	[3]	(X)
20172	Hens and/or fowl, frozen, (whole or parts) from purchased carcasses (also see code 20162)[2]	[3]	[3]	[3]	(X)
20173	Turkeys, frozen, (whole or parts) from purchased carcasses (also see code 20163)[2]	[3]	[3]	[3]	(X)
20174	Other poultry and small game, frozen, (whole or parts) from purchased carcasses (also see code 20164)[2]	[3]	[3]	[3]	(X)
20175	Processed poultry and small game, except soups, from purchased carcasses (also see code 20165)[2]	[3]2 496.2	[3]2 182.3	[3]1 692.3	4
20179	Liquid, dried and frozen eggs	494.8	373.7	329.7	4
20170	Poultry and egg processing, n.s.k.	98.7	117.8	157.2	20
2021-	**Creamery butter**	**1 741.4**	**1 973.0**	**1 975.7**	2
20210	Creamery butter	1 741.4	1 973.0	1 975.7	2
2022-	**Cheese, natural and processed**	**9 743.6**	**9 869.0**	**9 486.9**	2
20223	Natural cheese, except cottage cheese	5 617.3	5 824.0	5 625.6	2
20224	Process cheese and related products	3 390.1	3 325.4	3 194.3	1
20225	Cheese substitutes	190.8	239.0	239.7	1
20220	Cheese, natural and processed, n.s.k.	545.6	480.5	427.2	13
2023-	**Condensed and evaporated milk**	**5 147.2**	**[5]5 352.1**	**[5]5 047.6**	2
20235	Dry milk products, except substitutes	2 265.9	2 499.4	2 425.4	3
20236	Canned milk products, except substitutes	1 337.6	[1]1 325.6	[1]1 114.7	1
20237	Concentrated milk products (bulk), except substitutes	360.1	359.6	370.9	5
20238	Ice cream mix and related products	569.9	527.4	531.0	6
20239	Dairy product substitutes	506.7	[1]498.3	[1]443.9	2
20230	Dry milk products, n.s.k.	107.0	141.8	161.7	22
2024-	**Ice cream and frozen desserts**	**3 809.9**	**3 414.5**	**3 281.1**	3
20240	Ice cream and ices	3 809.9	3 414.5	3 281.1	3
2026-	**Fluid milk**	**15 929.4**	**15 656.8**	**15 517.4**	1
20261	Bulk fluid milk and cream	2 877.0	3 013.6	3 037.6	2
20262	Packaged fluid milk and related products	9 729.9	9 231.3	9 115.0	1
20263	Cottage cheese	748.3	692.8	683.2	2
20265	Yogurt, except frozen	501.1	464.2	403.7	5
20266	Other packaged milk products, n.e.c.	739.1	636.8	699.3	3
20260	Fluid milk, n.s.k.	1 334.0	1 618.0	1 578.7	7
2032-	**Canned specialties[2]**	**3 771.8**	**3 548.8**	**3 484.6**	1
20321	Canned baby foods, except cereal and biscuits[2]	590.9	612.0	598.4	1
20323	Canned dry beans[2]	707.6	706.3	[1]735.3	3
20322	Canned soups, except frozen or seafood[2]	2 308.2	2 095.1	2 035.0	1
20324	Canned specialties and canned nationality foods[2]				
20320	Canned specialties, n.s.k.[2]	165.0	135.5	117.8	3
2033-	**Canned fruits and vegetables[2]**	**10 636.2**	**[9]9 461.1**	**9 255.3**	1
20331	Canned fruits, except baby foods[2]	1 855.9	[1]1 557.4	1 590.6	3
20332	Canned vegetables, except hominy and mushrooms[2]	2 096.8	1 944.3	2 047.2	2
20333	Canned hominy and mushrooms[2]	166.1	151.3	139.0	16
20335	Canned vegetable juices[2]	323.0	276.8	270.3	2
20336	Catsup and other tomato sauces, pastes, etc.[2]	2 675.3	2 367.6	2 174.4	2
20338	Jams, jellies, and preserves[2]	608.9	601.1	603.0	3
2033A	Canned fruit juices, nectars, and concentrates[2]	1 702.6	1 528.3	1 409.9	3
2033B	Fresh fruit juices and nectars, single strength[2]	804.3	683.9	652.2	4
20330	Canned fruits and vegetables, n.s.k.[2]	403.3	350.4	368.7	4
2034-	**Dehydrated fruits, vegetables, and soups**	**1 897.3**	**1 832.9**	**1 749.2**	2
20341	Dried and dehydrated fruits and vegetables	1 415.7	1 406.7	1 324.5	3
20342	Soup mixes, dried	402.7	332.1	332.8	3
20340	Dehydrated fruits, vegetables, and soups, n.s.k.	78.9	94.2	91.9	6

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
20	**FOOD AND KINDRED PRODUCTS**—Con.				
2035-	**Pickles, sauces, and salad dressings**[2]	**3 692.3**	**3 519.6**	**3 252.7**	**2**
20352	Pickles and other pickled products[2]	796.3	862.1	694.5	3
20353	Prepared sauces, except tomato[2]	584.3	521.7	540.0	3
20354	Mayonnaise, salad dressings, and sandwich spreads[2]	2 064.2	1 911.6	1 815.4	3
20350	Pickles, sauces, and salad dressing, n.s.k.[2]	247.4	224.3	202.7	8
2037-	**Frozen fruits and vegetables**[2]	**5 727.3**	**5 328.1**	**5 062.0**	**1**
20371	Frozen fruits, juices, ades, drinks, and cocktails[2]	2 298.4	2 164.0	1 860.4	1
20372	Frozen vegetables[2]	3 281.1	2 997.8	3 089.7	2
20370	Frozen fruits and vegetables, n.s.k.[2]	147.7	166.3	111.9	7
2038-	**Frozen specialties**[2]	**5 639.0**	**4 980.8**	**4 417.2**	**2**
20381	Frozen pies and other frozen baked goods[2]	1 583.9	1 331.2	1 292.5	5
20382	Frozen dinners, meat pies, and nationality foods[2]	3 243.6	2 843.9	2 356.6	3
20383	Other frozen specialties[2]	601.4	685.8	624.3	4
20380	Frozen specialties, n.s.k.[2]	210.1	139.9	143.8	8
2041-	**Flour and other grain mill products**	**5 180.4**	**5 084.8**	**4 871.8**	**1**
20411	Wheat flour, except flour mixes	3 185.9	3 186.3	3 102.3	1
20412	Wheat mill products other than flour	669.7	568.2	476.5	2
20413	Corn mill products	603.8	587.7	553.8	5
20415	Flour mixes and refrigerated doughs made in flour mills (also see code 20450)[2]	373.7	403.4	382.4	2
20416	Other grain mill products	170.0	169.2	165.6	7
20410	Flour and other grain mill products, n.s.k.	177.3	169.8	188.9	7
2043-	**Cereal breakfast foods**	**3 870.0**	**3 393.2**	**3 111.5**	**1**
20430	Cereal breakfast foods	3 870.0	3 393.2	3 111.5	1
2044-	**Rice milling**	**1 788.5**	**'1 812.4**	**1 897.4**	**1**
20440	Milled rice and byproducts	1 788.5	'1 812.4	1 897.4	1
2045-	**Blended and prepared flour**[2]	**1 854.5**	**1 791.0**	**1 891.8**	**1**
20450	Prepared flour mixes and refrigerated doughs, not made in flour mills (also see code 20415)[2]	1 854.5	1 791.0	1 891.8	1
2046-	**Wet corn milling**	**3 911.0**	**3 445.0**	**3 105.7**	**1**
20461	Corn sweeteners	1 879.2	1 661.1	1 810.4	1
20462	Manufactured starch	936.4	778.8	655.1	1
20463	Corn oil	269.9	278.9	234.9	1
20464	Wet process corn byproducts	791.3	676.6	577.7	1
20460	Wet corn milling products, n.s.k.	34.2	47.5	27.6	6
2047-	**Dog, cat, and other pet food**	**4 731.2**	**'4 543.0**	**4 439.8**	**3**
20473	Dog food	2 816.5	'2 741.0	2 655.4	5
20474	Cat food	1 347.5	'1 317.1	1 272.9	2
20475	Other pet food, including horsemeat	54.9	66.1	79.2	5
20476	Specialty feeds (except pet food)	293.9	'249.5	279.7	7
20470	Dog, cat, and other pet food, n.s.k.	218.4	167.3	152.5	8
2048-	**Prepared feeds, n.e.c.**	**10 970.0**	**'11 034.3**	**10 488.2**	**2**
20481	Poultry feed, except duck and goose	3 842.5	3 857.2	3 642.1	2
20482	Dairy cattle feed, complete	1 482.3	1 433.5	1 473.9	3
20483	Dairy cattle feed supplements and concentrates	609.8	583.7	544.3	3
20484	Swine feed, complete	628.7	619.4	585.9	5
20485	Swine feed supplements and concentrates	1 159.2	1 205.2	1 113.7	2
20486	Beef cattle feed, complete	571.2	542.6	511.4	3
20487	Beef cattle feed supplements and concentrates	668.1	'674.0	607.7	4
20488	Other poultry and livestock feed	445.2	429.9	400.6	6
20489	Other prepared animal feeds	405.9	'406.1	361.2	7
20480	Prepared feed, n.e.c., n.s.k.	1 157.0	1 282.7	1 247.4	9
2051-	**Bread, cake, and related products**	**11 724.0**	**11 499.4**	**11 028.1**	**1**
20511	Bread—white, wheat, and rye (including frozen)	4 980.9	4 898.8	4 698.1	1
20512	Rolls, bread-type, including stuffing and crumbs	2 503.3	2 518.1	2 437.7	3
20513	Sweet yeast goods, except frozen	851.5	845.4	760.7	4
20514	Soft cakes, except frozen	1 278.1	1 232.3	1 231.2	3
20515	Pies (fruit and custard), except frozen	372.7	387.0	394.5	9
20516	Pastries	33.7	36.9	39.2	8
20517	Doughnuts (cake type)	474.0	454.2	465.2	1
20510	Bread, cake, and related products, n.s.k.	1 219.9	1 126.8	1 001.5	4
2052-	**Cookies and crackers**	**5 443.3**	**4 759.4**	**4 435.8**	**2**
20521	Crackers, pretzels, biscuits, and related products	2 389.3	2 031.2	1 827.8	3
20522	Cookies, wafers, and ice cream cones and cups	2 881.9	2 592.2	2 480.8	1
20520	Cookies and crackers, n.s.k.	172.1	136.0	127.2	5
2061-	**Raw cane sugar**	**1 202.6**	**1 283.8**	**1 091.2**	**1**
20610	Sugar cane mill products and byproducts	1 202.6	1 283.8	1 091.2	1
2062-	**Cane sugar refining**	**3 003.8**	**3 049.2**	**2 992.3**	**2**
20620	Refined cane sugar and byproducts	3 003.8	3 049.2	2 992.3	2
2063-	**Beet sugar**	**1 721.5**	**1 472.7**	**1 506.3**	**2**
20630	Refined beet sugar and byproducts	1 721.5	1 472.7	1 506.3	2
2065-	**Confectionery products**	**7 163.4**	**6 627.0**	**6 225.1**	**2**
20652	Chocolate and chocolate-type confectionery products, made from purchased chocolate (also see code 20662)[2 3]	3 164.4	2 878.8	2 719.6	1
20653	Nonchocolate-type confectionery products[3]	2 060.4	1 870.8	1 593.7	3
20657	Nuts and seeds (salted, roasted, cooked, or blanched)	1 420.6	1 499.3	1 494.3	2
20659	Other confectionery-type products	83.1	54.9	76.6	5
20650	Confectionery products, n.s.k.	434.9	323.2	340.9	10
2066-	**Chocolate and cocoa products**	**2 596.7**	**2 309.2**	**2 262.1**	**1**
20661	Chocolate coatings	508.2	362.8	352.7	1
20662	Chocolate and chocolate-type confections, made from beans ground in same establishment (also see code 20652)[2 3]	1 300.9	1 315.0	1 040.1	1
20668	Other chocolate and cocoa products, made from beans or nibs ground in same establishment (also see code 20998)[2]	683.4	586.6	823.2	1
20660	Chocolate and cocoa products, n.s.k.	104.2	44.9	46.0	2
2067-	**Chewing gum**	**899.2**	**864.4**	**817.2**	**1**
20670	Chewing gum and chewing gum base	899.2	864.4	817.2	1

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
20	**FOOD AND KINDRED PRODUCTS**—Con.				
2074-	**Cottonseed oil mill products**	**781.1**	**667.6**	**812.2**	**4**
20741	Cottonseed oil, crude	135.2	119.9	150.2	17
20742	Cottonseed oil, once-refined	186.7	152.7	219.7	2
20743	Cotton linters	110.2	65.0	70.0	5
20744	Cottonseed cake and meal and other byproducts	328.1	324.6	360.1	3
20740	Cottonseed oil mills, n.s.k.	21.0	5.3	12.1	58
2075-	**Soybean oil mill products**	**8 780.0**	**7 748.3**	**7 257.4**	**1**
20751	Soybean oil	3 831.7	2 439.0	2 375.4	1
20752	Soybean cake, meal, and other byproducts	4 891.3	5 269.1	4 836.2	1
20750	Soybean oil mills, n.s.k.	57.0	40.1	45.7	3
2076-	**Vegetable oil mill products, n.e.c.**	**544.9**	**601.1**	**544.3**	**4**
20761	Linseed oil	112.6	86.8	84.1	1
20762	Vegetable oils	324.8	413.4	372.1	6
20763	Other vegetable oil mill products	100.1	100.b	84.8	7
20760	Vegetable oil mills, n.e.c., n.s.k.	7.3	-	3.3	38
2077-	**Animal and marine fats and oils**	**2 937.0**	**2 410.5**	**2 337.1**	**5**
20771	Grease and inedible tallow	1 378.6	912.4	938.0	8
20772	Feed and fertilizer byproducts	1 214.5	1 172.6	1 093.5	7
20773	Animal and marine oil mill products, including foots	249.8	241.5	205.4	1
20770	Animal and marine fats and oils, n.s.k.	94.2	84.0	100.2	7
2079-	**Shortening and cooking oils**	**6 148.6**	**5 358.1**	**5 340.5**	**2**
20791	Shortening and cooking oils	4 657.4	4 165.8	4 028.6	2
20792	Margarine	1 418.3	1 110.1	1 225.1	1
20790	Shortening and cooking oils, n.s.k.	72.9	82.3	86.8	2
2082-	**Malt beverages**	**11 781.2**	**11 616.8**	**11 105.6**	**1**
20821	Canned beer and ale case goods	6 949.5	6 419.9	5 984.9	1
20822	Bottled beer and ale case goods	3 678.7	4 006.4	3 964.6	1
20823	Beer and ale in barrels and kegs	703.7	735.5	686.7	1
20824	All other malt beverages and brewing products	412.5	427.4	441.8	3
20820	Malt beverages, n.s.k.	36.8	27.6	27.6	4
2083-	**Malt**	**577.1**	**568.7**	**654.7**	**1**
20830	Malt and malt byproducts	577.1	568.7	654.7	1
2084-	**Wines, brandy, and brandy spirits**	**2 644.8**	**2 761.7**	**2 719.5**	**2**
20840	Wines, brandy, and brandy spirits	2 644.8	2 761.7	2 719.5	2
2085-	**Distilled liquor, except brandy[2]**	**3 089.6**	**3 438.0**	**2 909.3**	**1**
20851	Distilled liquor, except brandy[2]	337.3	319.8	345.4	5
20853	Bottled liquors, except brandy[2]	2 624.6	3 048.7	2 411.3	1
20850	Distilled liquor, except brandy, n.s.k.[2]	127.6	69.5	52.6	3
2086-	**Bottled and canned soft drinks**	**16 473.1**	**15 527.5**	**14 891.9**	**2**
20861	Bottled and canned soft drinks	12 843.4	11 656.9	11 089.1	2
20862	Fruit drinks, cocktails, and ades, with some real juice	1 199.9	1 015.1	908.4	2
20860	Bottled and canned soft drinks, n.s.k.	2 429.8	2 855.5	2 894.3	6
2087-	**Flavoring extracts and syrups, n.e.c.**	**4 683.3**	**4 494.4**	**4 455.8**	**3**
20871	Flavoring extracts, emulsions, and other liquid flavors	441.4	379.1	346.5	8
20872	Liquid beverage bases, not for use by soft drink bottlers	141.6	140.9	177.9	9
20873	Liquid beverage bases for use by soft drink bottlers	1 792.0	1 731.4	1 850.5	2
20874	Other flavoring agents, except chocolate syrups	1 991.2	1 887.0	1 758.3	4
20870	Flavoring extracts and syrups, n.e.c., n.s.k.	317.1	345.9	322.5	15
2091-	**Canned and cured seafoods[2]**	**1 152.5**	**1 256.7**	**1 267.1**	**4**
20910	Canned and cured seafood, including soup[2]	1 152.5	1 256.7	1 267.1	4
2092-	**Fresh or frozen packaged fish[2]**	**3 463.4**	**3 665.0**	**3 714.0**	**3**
20922	Prepared fresh fish and seafood[2]	462.4	569.3	578.3	11
20923	Frozen fish, excluding shellfish[2]	1 029.0	1 040.2	1 033.9	3
20924	Frozen shellfish[2]	1 324.7	1 405.5	1 397.5	2
20920	Fresh or frozen packaged fish, n.s.k.[2]	647.2	650.0	704.3	7
2095-	**Roasted coffee**	**5 632.7**	**5 117.4**	**5 122.7**	**1**
20951	Roasted coffee, whole bean or ground	4 152.0	3 777.6	3 773.3	2
20952	Concentrated coffee	1 300.3	1 246.0	1 250.2	1
20950	Roasted coffee, n.s.k.	180.4	93.8	99.1	1
2097-	**Manufactured ice**	**232.6**	**253.2**	**227.4**	**13**
20970	Manufactured ice (can, block, cube, crushed, etc.)	232.6	253.2	227.4	13
2098-	**Macaroni and spaghetti**	**1 277.2**	**1 294.4**	**1 192.8**	**2**
20981	Macaroni, spaghetti, and egg noodle products, except canned (not packaged with other ingredients)	815.1	831.8	801.7	1
20982	Macaroni, spaghetti, and egg noodle products, except canned (packaged with other ingredients)	423.3	405.7	342.1	1
20980	Macaroni, spaghetti, and noodles, n.s.k.	38.8	56.9	49.0	42
2099-	**Food preparations, n.e.c.**	**12 558.6**	**11 628.5**	**11 384.7**	**2**
20991	Desserts (ready-to-mix)	585.8	454.3	401.6	1
20992	Chips (potato, corn, etc.)	3 895.0	3 536.7	3 321.7	2
20993	Sweetening syrups and molasses	415.6	393.5	360.9	2
20994	Baking powder and yeast	330.1	286.5	273.2	1
20995	Tea in consumer packages (bags, powdered, etc.)	1 147.0	993.8	912.6	7
20996	Vinegar and cider (distilled or fermented)	207.9	201.9	187.8	8
20998	Chocolate and cocoa products, except confectionery, made from purchased chocolate or cocoa (also see code 20668)[2]	215.8	183.8	157.6	5
2099A	Dry preparations	910.5	763.8	693.5	3
2099B	Perishable prepared foods sold in bulk or packages, not frozen	965.3	919.9	909.5	4
2099C	Other food preparations, n.e.c.	2 138.5	2 424.7	2 563.3	2
20990	Food preparation, n.e.c., n.s.k.	1 747.2	1 469.6	1 603.0	6

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
21	**TOBACCO PRODUCTS**				
2111-	**Cigarettes[2]**	**13 123.2**	**11 941.4**	**11 433.5**	**1**
21110	Cigarettes[2]	13 123.2	11 941.4	11 433.5	1
2121-	**Cigars[2]**	**269.5**	**307.3**	**290.0**	**5**
21210	Cigars[2]	269.5	307.3	290.0	5
2131-	**Chewing and smoking tobacco[2]**	**874.5**	**748.7**	**731.1**	**6**
21310	Chewing and smoking tobacco and snuff[2]	874.5	748.7	731.1	6
2141-	**Tobacco stemming and redrying[2]**	**2 538.8**	**2 545.8**	**2 946.0**	**1**
21411	Unstemmed leaf tobacco redried before packing[2]	126.0	137.4	98.4	6
21412	Tobacco stemmed[2]	2 258.5	2 295.3	2 733.0	2
21413	Reconstituted tobacco[2]	116.8	103.5	111.4	2
21410	Stemmed and redried tobacco, n.s.k.[2]	35.6	9.4	3.2	5
22	**TEXTILE MILL PRODUCTS**				
2211-	**Cotton broad woven fabrics**	**4 067.9**	**'4 159.7**	**3 635.0**	**1**
22111	Cotton duck and allied fabrics	94.3	95.6	88.2	4
22112	Cotton sheeting and allied fabrics	324.5	344.0	290.0	3
22113	Cotton print cloth yarn fabrics	343.3	297.7	296.2	4
22114	Cotton colored yarn fabrics, toweling and dishcloth fabrics, and napped cotton fabrics, including blanketing	1 095.6	'1 147.2	926.6	1
22115	Fine cotton goods (gray goods)	90.2	93.1	79.6	2
22116	Other broad woven cotton fabrics and specialties	434.4	437.1	385.6	5
22117	Finished cotton broad woven fabrics, finished in weaving mills (also see code 22617)[2]	750.1	'822.9	724.7	2
22119	Cotton towels and washcloths (made in weaving mills) (also see code 23923)[2 3]	705.9	715.5	608.1	1
2211A	Other fabricated cotton textile products (made in weaving mills)[2 3]	146.2	121.9	99.8	5
22110	Cotton broad woven fabrics and fabricated products, n.s.k.	83.4	84.7	136.2	21
2221-	**Weaving mills, manmade fiber and silk**	**9 129.2**	**'8 880.0**	**7 820.3**	**1**
22211	100 percent filament rayon and/or acetate fabrics	352.9	310.3	280.5	6
22212	100 percent filament fabrics, except rayon, acetate	1 664.8	'1 627.3	1 448.7	1
22213	100 percent spun rayon, acetate fabrics, inc. blends	90.4	90.5	80.6	7
22214	100 percent spun polyester blends with cotton	2 503.3	2 567.8	2 309.7	3
22215	All other 100 percent spun noncellulosic fabrics	825.0	759.7	650.6	2
22216	Combinations of filament and spun yarn fabrics, chiefly manmade fibers	970.6	'815.2	614.7	1
22217	Blanketing, silk, paper, and other specialty manmade fiber fabrics	495.9	525.4	435.5	5
22218	Finished manmade fiber and silk broad woven fabrics, finished in weaving mills (also see code 22628)[2]	1 467.2	'1 408.9	1 109.8	1
22219	Manmade fibers and silk sheets and pillowcases, made in weaving mills (also see code 23922)[2 3]	487.1	476.5	462.9	1
2221A	Other fabricated manmade fiber and silk textile products, made in weaving mills (towels, washcloths, etc.)[2 3]	144.7	103.5	86.2	2
22210	Manmade fiber and silk broad woven fabrics and fabricated products, n.s.k.	227.2	194.7	341.2	16
2231-	**Wool broad woven fabrics**	**960.7**	**922.3**	**834.0**	**1**
22311	Finished wool yarn, tops or raw stock, not combed or spun at same establishment	(D)	(D)	(D)	(X)
22312	Wool fabrics (gray goods)	170.2	'155.7	137.8	1
22313	Finished wool apparel fabrics	594.6	556.1	501.4	1
22314	Finished wool nonapparel fabrics and felts	75.4	78.1	68.7	1
22315	Receipts for commission finishing or sponging of wool fabrics	(D)	(D)	(D)	(X)
22319	Wool or chiefly wool woven blankets (made in weaving mill)	20.4	26.7	24.5	4
22310	Woven wool fabrics and fabricated products, n.s.k.	48.2	37.4	44.3	1
2241-	**Narrow fabrics mills**	**961.4**	**'904.6**	**826.1**	**4**
22411	Woven narrow fabrics[2]	688.5	663.0	568.2	5
22414	Braided narrow fabrics[2]	160.8	135.3	135.7	6
22415	Covered rubber thread	75.8	'59.4	86.8	6
22410	Narrow fabrics, n.s.k.	36.2	46.9	35.4	15
2251-	**Women's full-length and knee-length hosiery[2]**	**1 626.1**	**' 568.4**	**1 425.3**	**2**
22512	Women's and misses' finished hosiery, full-length and knee-length (except pantyhose)[2]	378.2	419.9	353.4	6
22516	Women's and misses' finished pantyhose[2]	1 073.5	1 009.1	943.2	2
22517	Women's and misses' full-length and knee-length hosiery shipped in the greige[2]	104.9	94.6	85.6	14
22510	Women's and misses' full-length and knee-length hosiery, n.s.k.[2]	69.5	44.8	43.1	7
2252-	**Hosiery, n.e.c.[2]**	**1 575.7**	**1 516.6**	**1 324.5**	**3**
22522	Men's finished seamless hosiery (sizes 10 or larger)[2]	760.6	731.2	655.0	5
22523	All other finished hosiery, except women's full-length and knee-length[2]	564.8	523.8	452.1	5
22524	Hosiery shipped in the greige, except women's full-length and knee-length[2]	177.6	187.3	155.6	7
22520	Hosiery, n.e.c., n.s.k., except women's full-length and knee-length[2]	72.6	74.2	61.9	16
2253-	**Knit outerwear mills (including sweaters, cardigans, etc.)[2 3]**	**3 348.1**	**'3 383.4**	**3 154.2**	**3**
22531	Sweaters, (including sweater vests, cardigans, etc.) made from yarns or fabric knit in same establishment[2 3]	790.0	'847.3	817.6	9
22532	Knit outerwear sport shirts, from fabric knit in same establishment (also see codes 23212, 23312, and 23612)[2 3]	867.0	788.1	1 008.2	2
22533	All other knit outerwear products (from yarns or fabrics knit in same establishment)[2 3]	1 142.5	'1 235.9	856.6	2
22530	Contract and commission receipts for knitting only or knitting and finishing outerwear products[2]	319.1	230.9	209.8	16
22530	Knit outerwear mill products, n.s.k.[2]	229.5	281.2	282.0	18
2254-	**Knit underwear mills[2 3]**	**919.8**	**812.2**	**767.4**	**4**
22541	Men's and boys' knit underwear and nightwear from yarns or fabrics knit in same establishment (also see code 23215 and 23220)[2 3]	685.8	556.6	574.8	5
22542	Women's and children's knit underwear from fabrics knit in same establishment (also see code 23412)[2 3]	129.5	161.2	125.3	3
22543	Women's and children's knit nightwear, from fabrics knit in same establishment (also see code 23413)[2 3]	63.4	68.9	61.9	5
22540	Knit underwear and nightwear, n.s.k., made from yarns or fabric knit in same establishment[2]	41.1	(S)	5.4	6
2257-	**Circular knit fabric mills[2]**	**2 273.6**	**2 501.2**	**2 494.9**	**3**
22571	Weft knit fabric greige goods, except hosiery[2]	389.4	484.2	467.6	1
22572	Weft knit underwear and nightwear finished fabric, except hosiery[2]	124.4	117.0	126.3	2
22574	Weft knit high pile finished fabric (including overcoating, topcoating, footwear lining, etc.)[2]	145.3	148.5	147.4	1
22575	Weft single knit outerwear finished fabric, except hosiery[2]	665.8	725.1	735.0	5
22577	Weft double knit outerwear finished fabric (including interlock)[2]	319.3	419.0	412.5	6
22578	All other weft knit finished fabric, except hosiery[2]	169.3	168.1	146.4	3
22579	Contract and commission receipts for knitting only or knitting and finishing[2]	277.0	297.7	282.5	12
22570	Circular knit fabric, n.s.k.[2]	183.0	141.6	177.1	12

See footnotes at end of table.

Table 1. **Value of Shipments of Product Classes: 1982 to 1984**—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
22	**TEXTILE MILL PRODUCTS**—Con.				
2258-	**Warp knit fabric mills**[2]	**1 730.6**	**1 904.4**	**1 567.5**	**2**
22581	Warp knit fabric greige goods (tricot, raschel, simplex, and milanese)[2]	568.4	599.9	445.5	4
22582	Warp knit underwear and nightwear finished fabric[2]	275.6	305.6	321.0	1
22583	Warp knit outerwear fabric (including dress, blouse, shirting, slack, etc.)[2]	307.6	298.4	261.2	6
22588	All other warp knit finished fabric[2]	383.1	443.4	379.6	2
22589	Contract and commission receipts for knitting only or knitting and finishing[2]	128.8	193.2	114.5	3
22580	Warp knit fabric, n.s.k.[2]	67.1	63.9	45.7	25
2259-	**Knitting mills, n.e.c.**[2 3]	**159.1**	**165.1**	**133.5**	**5**
22590	Knit gloves and other knit products, n.e.c.[2 3]	159.1	165.1	133.5	5
2261-	**Finished cotton broad woven fabrics**	**841.3**	**918.5**	**788.2**	**2**
22617	Finished cotton broad woven fabrics, not finished in weaving mills (also see code 22117)[2]	500.6	571.1	436.3	1
22619	Commission finishing of cotton broad woven fabrics	280.2	311.8	297.9	6
22610	Cotton broad woven fabric finishing, n.s.k.	60.5	35.6	34.0	6
2262-	**Finishing plants, manmade fiber and silk**	**3 294.9**	**3 065.0**	**2 767.5**	**2**
22628	Finished manmade fiber and silk broad woven fabrics, not finished in weaving mills (also see code 22218)[2]	2 246.7	2 023.3	1 823.7	1
22629	Commission finishing of manmade fiber and silk broad woven fabrics	1 025.4	1 035.6	935.3	3
22620	Finished manmade fiber, silk broad woven fabrics, n.s.k.	22.8	6.1	8.5	17
2269-	**Finishing plants, n.e.c.**[2]	**1 040.6**	**'1 014.8**	**920.6**	**2**
22690	Finished yarn, raw stock, and narrow fabric[2]	1 040.6	'1 014.8	920.6	2
2271-	**Woven carpets and rugs**[2]	**248.5**	**214.8**	**222.9**	**2**
22710	Woven carpets and rugs[2]	248.5	214.8	222.9	2
2272-	**Tufted carpets and rugs**[2]	**6 957.2**	**'6 310.7**	**5 213.6**	**2**
22720	Tufted carpets and rugs[2]	6 957.2	'6 310.7	5 213.6	2
2279-	**Carpets, rugs, and mats, n.e.c.**[2]	**198.0**	**163.0**	**155.9**	**6**
22790	Carpets, rugs, and mats, n.e.c.[2]	198.0	163.0	155.9	6
2281-	**Yarn mills, except wool**	**5 436.5**	**'5 291.6**	**4 519.6**	**2**
22811	Carded cotton yarns[2]	1 184.0	1 147.5	939.2	3
22812	Combed cotton yarns[2]	388.7	410.2	350.5	4
22813	Rayon and/or acetate yarns[2]	235.4	238.9	149.3	9
22814	Spun noncellulosic fiber and silk yarns[2]	3 576.5	'3 416.9	3 001.2	2
22810	Spun yarns, gray or spun and finished, n.s.k.	51.8	78.0	79.3	14
2282-	**Throwing and winding mills**	**2 421.4**	**'2 339.8**	**2 002.5**	**2**
22822	Rewound, plied, etc., yarns other than wool	170.1	'226.7	194.3	4
22823	Thrown filament yarns, except textured	164.4	178.9	151.3	4
22825	Textured, crimped, or bulked filament yarns made from purchased filament yarn (also see code 28246)[2]	1 873.1	1 753.8	1 487.5	2
22829	Commission throwing, plying, etc., of yarns	180.1	155.5	139.5	5
22820	Textured, thrown, and rewound yarn, n.s.k.	33.8	24.8	29.9	6
2283-	**Wool yarn mills**	**309.1**	**311.1**	**248.2**	**3**
22831	Wool yarns, except carpet	240.7	215.7	187.3	3
22832	Wool yarns, carpet	38.9	33.9	33.9	10
22830	Wool yarn, n.s.k.	29.5	61.7	27.0	14
2284-	**Thread mills**	**621.9**	**628.8**	**614.6**	**4**
22840	Thread	621.9	628.8	614.6	4
2291-	**Felt goods, except woven felts and hats**	**352.9**	**279.2**	**266.3**	**17**
22910	Pressed, punched, or needled felts, except hats	352.9	279.2	266.3	17
2292-	**Lace goods**	**83.4**	**67.6**	**68.0**	**9**
22920	Lace and net goods	83.4	67.6	68.0	9
2293-	**Paddings and upholstery filling**	**291.8**	**300.4**	**287.9**	**13**
22930	Paddings and upholstery filling, batting, and wadding	291.8	300.4	287.9	13
2294-	**Processed textile waste**	**379.8**	**243.3**	**193.9**	**17**
22940	Processed mill waste and related products	379.8	243.3	193.9	17
2295-	**Coated fabrics, not rubberized**	**1 224.0**	**1 057.8**	**1 069.3**	**3**
22951	Pyroxylin coated fabrics	55.1	43.8	44.1	10
22952	Vinyl coated fabrics	729.7	617.8	628.5	3
22953	Other coated fabrics	331.4	328.3	332.4	3
22950	Coated fabrics, not rubberized, n.s.k.	107.8	67.9	64.3	15
2296-	**Tire cord and fabric**	**1 100.9**	**992.9**	**892.2**	**1**
22960	Tire cord and tire fabrics	1 100.9	992.9	892.2	1
2297-	**Nonwoven fabrics**	**1 978.0**	**1 772.1**	**1 658.8**	**2**
22971	Nonwoven fabrics	1 489.9	1 330.5	1 263.0	2
22972	Fabricated nonwoven products	431.3	402.1	360.4	3
22970	Nonwoven fabrics, n.s.k.	54.7	39.5	35.4	5
2298-	**Cordage and twine**	**370.4**	**388.8**	**336.0**	**3**
22981	Hard fiber cordage and twine	56.8	67.2	58.3	6
22982	Soft fiber cordage and twine, except cotton	246.4	265.1	228.1	4
22983	Cotton cordage and twine	27.0	21.7	21.8	10
22980	Cordage and twine, n.s.k.	40.2	34.8	27.8	5
2299-	**Textile goods, n.e.c.**	**334.0**	**376.7**	**397.8**	**5**
22992	Jute and linen goods, except felts, cord, and twine	20.6	20.5	24.6	2
22993	Scouring and combing mill products	184.1	179.0	195.5	5
22990	Textile goods, n.e.c., n.s.k.	129.3	177.2	177.4	9

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
23	**APPAREL AND OTHER TEXTILE PRODUCTS**				
2311-	**Men's and boys' suits and coats[2]**	**3 130.6**	**3 036.5**	**2 932.9**	**2**
23111	Men's suits, including uniforms and leisure[2 3]	1 211.0	1 188.9	1 078.6	3
23112	Men's overcoats and tailored car coats[2 3]	97.5	148.6	126.6	4
23113	Men's tailored dress and sport coats and jackets[2 3]	973.1	1 019.4	944.0	3
23114	Boys' suits, coats, and tailored jackets[2 3]	147.1	127.1	148.2	19
23119	Commission work on men's and boys' suits and coats[2]	552.7	434.5	493.6	8
23110	Men's and boys' suits, coats, and overcoats, n.s.k.[2]	149.1	118.0	141.9	8
2321-	**Men's and boys' shirts and nightwear[2]**	**3 394.7**	**3 190.4**	**3 118.0**	**4**
23212	Men's and boys' knit outerwear sport shirts, including sweatshirts (also see code 22532)[2 3]	1 251.9	1 239.0	1 112.9	7
23214	Men's and boys' dress and sport shirts (except knit outerwear sport shirts)[2 3]	1 189.8	1 164.8	1 212.1	6
23215	Men's and boys' nightwear, except robes (also see code 22547)[2 3]	139.2	127.5	151.3	2
23219	Commission work on men's and boys' shirts and nightwear[2]	614.2	489.7	474.5	7
23210	Men's and boys' shirts and nightwear, n.s.k.[2]	199.7	169.3	167.1	29
2322-	**Men's and boys' underwear[2 3]**	**464.1**	**462.5**	**425.5**	**11**
23220	Men's and boys' underwear (also see code 225411)[2 3]	464.1	462.5	425.5	11
2323-	**Men's and boys' neckwear[2]**	**323.9**	**330.9**	**310.4**	**6**
23230	Men's, youths', and boys' neckwear[2]	323.9	330.9	310.4	6
2327-	**Men's and boys' separate trousers[2]**	**2 204.8**	**2 218.6**	**2 107.0**	**1**
23271	Men's and boys' separate dress and sport trousers[2 3]	1 732.2	1 715.3	1 586.9	1
23279	Commission work on men's and boys' separate trousers[2]	428.4	387.7	426.2	3
23270	Men's and boy's separate trousers, n.s.k.[2]	44.2	115.6	91.8	14
2328-	**Men's and boys' work clothing[2]**	**4 553.0**	**4 234.4**	**4 022.9**	**2**
23281	Men's and boys' work shirts[2 3]	368.9	227.6	242.5	6
23283	Men's and boys' jeans, including jean-cut casual slacks[2 3]	2 745.6	2 768.1	2 543.9	1
23284	Men's and boys' work clothing and washable service apparel[2 3]	863.9	804.0	767.0	5
23289	Commission work on men's and boys' work clothing[2]	489.5	315.2	375.9	7
23280	Men's and boys' work clothing, n.s.k.[2]	85.0	119.5	93.6	38
2329-	**Men's and boys' clothing, n.e.c.[2]**	**1 346.3**	**1 286.1**	**1 377.9**	**8**
23291	Men's and boys' heavy outerwear coats and jackets, nontailored[2 3]	426.8	373.1	449.8	5
23292	Men's and boys' outerwear, n.e.c.[2 3]	812.1	743.8	770.8	8
23290	Men's and boy's clothing, n.e.c., n.s.k.[2]	107.3	169.2	157.3	27
2331-	**Women's and misses' blouses and waists[2]**	**3 969.4**	**4 324.7**	**4 258.2**	**3**
23312	Women's, misses', and juniors' knit outerwear sport shirts (also see code 22532)[2 3]	729.6	685.0	678.1	6
23317	Women's, misses', and juniors' blouses, waists, and shirts (except knit outerwear sport shirts)[2 3]	2 283.4	2 642.3	2 533.9	3
23319	Contract and commission work on women's, misses', and juniors' blouses and shirts[2]	700.0	619.9	713.4	8
23310	Women's and misses' blouses, waists, and shirts, n.s.k.[2]	256.5	377.5	332.7	16
2335-	**Women's and misses' dresses[2]**	**4 896.0**	**4 877.9**	**4 534.7**	**3**
23353	Women's, misses', and juniors' dresses[2 3]	3 143.8	3 056.4	2 966.6	3
23359	Commission work on women's, misses', and juniors' dresses[2]	735.5	1 004.1	1 029.1	8
23350	Women's, misses', and juniors' dresses, n.s.k.[2]	1 016.7	817.3	517.0	8
2337-	**Women's and misses' suits and coats[2]**	**3 759.7**	**3 942.6**	**4 288.9**	**4**
23371	Women's, misses', and juniors' coats (except fur and leather)[2 3]	635.1	520.7	621.9	5
23372	Women's, misses', and juniors' suits[2 3]	368.7	437.5	407.1	8
23374	Women's, misses', and juniors' skirts and jackets[2 3]	2 158.3	2 202.0	2 351.2	5
23379	Commission work on women's, misses', and juniors' coats, suits, and skirts[2]	370.2	531.7	513.7	10
23370	Women's and misses' suits and coats, n.s.k.[2]	207.4	250.6	395.1	37
2339-	**Women's and misses' outerwear, n.e.c.[2]**	**5 263.0**	**5 419.0**	**5 159.5**	**2**
23392	Women's, misses', and juniors' washable service apparel[2 3]	263.2	265.9	250.4	4
23394	Women's, misses', and juniors' swimsuits[2 3]	434.8	420.5	387.1	4
23395	Women's, misses', and juniors' slacks[2 3]	2 930.5	2 763.7	2 591.2	2
23397	Women's, misses', and juniors' other outerwear, n.e.c.[2 3]	648.9	773.9	643.7	4
23399	Commission work on women's, misses', and juniors' outerwear, n.e.c.[2]	612.7	638.4	780.9	4
23390	Women's, and misses', outerwear, n.e.c., n.s.k.[2]	373.0	556.7	506.3	10
2341-	**Women's and children's underwear[2]**	**2 525.3**	**2 507.7**	**2 356.3**	**3**
23412	Women's, misses', children's, and infants' underwear (also see code 22542)[2 3]	961.5	833.9	831.0	6
23413	Women's, misses', childrens', and infants' nightwear (also see code 22543)[2 3]	1 133.1	1 258.3	1 127.4	4
23419	Commission work on women's and children's underwear and nightwear [2]	376.2	340.5	314.5	4
23410	Women's and children's underwear and nightwear, n.s.k.[2]	54.5	75.1	83.3	25
2342-	**Brassieres and allied garments[2]**	**715.3**	**740.7**	**686.7**	**2**
23421	Brassieres, bralettes, and bandeaux[2 3]	497.5	488.6	450.8	2
23422	Corsets, girdles, combinations, and accessories[2 3]	141.3	193.7	159.1	6
23429	Commission work on brassieres, corsets, and allied garments[2]	34.0	21.3	19.8	17
23420	Brassieres, corsets, and allied garments, n.s.k.[2]	42.5	37.1	37.1	3
2351-	**Millinery[2]**	**104.5**	**89.9**	**87.7**	**10**
23510	Millinery, all types[2]	104.5	89.9	87.7	10
2352-	**Hats and caps, except millinery[2]**	**483.9**	**433.3**	**416.8**	**8**
23521	Hats and hat bodies, except cloth and millinery[2]	92.4	75.9	83.2	7
23522	Cloth hats and caps[2]	327.6	302.4	272.0	10
23520	Hats and caps, except millinery, n.s.k.[2]	63.9	55.0	61.6	18
2361-	**Children's dresses and blouses[2]**	**1 339.0**	**1 322.6**	**1 443.2**	**6**
23611	Girls', children's, and infants' dresses and blouses (except knit outerwear sport shirts)[2 3]	766.4	768.4	755.4	7
23612	Girls', children's, and infants' knit sport shirts (also see code 22532)[2 3]	359.6	294.5	401.7	3
23619	Commission work on children's dresses and blouses[2]	166.3	210.7	208.7	33
23610	Children's and infants' dresses and blouses, n.s.k.[2]	46.7	(S)	77.4	38
2363-	**Children's coats and suits[2]**	**197.9**	**203.5**	**211.4**	**6**
23631	Girls', children's, and infants' coats, jackets, suits, snowsuits, and coat-and-legging sets[2 3]	163.6	177.0	171.5	6
23639	Commission work on girls', children's, and infants' coats and suits[2]	31.5	17.1	32.4	14
23630	Girls' coats and suits, n.s.k.[2]	2.9	9.3	7.4	(A)
2369-	**Children's outerwear, n.e.c.[2]**	**1 263.0**	**1 185.5**	**1 195.8**	**4**
23691	Girls', children's, and infants' outerwear, n.e.c.[2 3]	1 103.9	995.5	1 012.1	4
23699	Commission work on children's outerwear, n.e.c.[2]	98.1	122.4	123.2	17
23690	Children's outerwear, n.e.c., n.s.k.[2]	61.1	67.6	60.5	31
2371-	**Fur goods[2]**	**380.5**	**425.3**	**397.9**	**5**
23710	Fur goods[2]	380.5	425.3	397.9	5

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
23	**APPAREL AND OTHER TEXTILE PRODUCTS**—Con.				
2381-	**Fabric dress and work gloves**[2]	**217.0**	**208.9**	**206.6**	**2**
23811	Dress and semidress gloves and mittens[2 3]	(D)	(D)	(D)	(X)
23812	Work gloves and mittens[2 3]	(D)	(D)	(D)	(X)
23810	Fabric dress and work gloves, n.s.k.[2]	13.0	17.1	11.6	1
2384-	**Robes and dressing gowns**[2 3]	**443.6**	**432.1**	**416.0**	**4**
23840	Robes and dressing gowns, except children's[2 3]	443.6	432.1	416.0	4
2385-	**Waterproof outergarments**[2]	**409.4**	**445.4**	**429.7**	**2**
23851	Raincoats and other waterproof outerwear[2 3]	344.4	368.9	357.0	2
23859	Commission work on raincoats and waterproof outergarments[2]	31.1	34.5	37.7	7
23850	Waterproof outergarments n.s.k.[2]	34.0	42.1	35.0	3
2386-	**Leather and sheep lined clothing**[2]	**189.0**	**206.2**	**207.3**	**7**
23860	Leather and sheep lined clothing[2]	189.0	206.2	207.3	7
2387-	**Apparel belts**[2]	**475.6**	**492.4**	**474.2**	**4**
23871	Belts, leather[2]	278.2	272.8	261.5	6
23872	Belts, other than leather[2]	155.6	179.9	164.7	7
23870	Apparel belts, n.s.k.[2]	41.8	39.7	48.0	10
2389-	**Apparel and accessories, n.e.c.**[2]	**301.6**	**248.2**	**243.2**	**21**
23890	Apparel and accessories, n.e.c.[2]	301.6	248.2	243.2	21
2391-	**Curtains and draperies**[2]	**1 249.0**	**1 058.6**	**1 008.3**	**9**
23910	Curtains and draperies, except lace[2]	1 249.0	1 058.6	1 008.3	9
2392-	**House furnishings, n.e.c.**[2 3]	**3 668.3**	**3 596.4**	**3 299.3**	**4**
23921	Bedspreads and bedsets, not made in a weaving mill[2]	340.3	359.7	331.4	6
23922	Sheets and pillowcases, not made in a weaving mill (also see code 22219)[2 3]	740.6	775.5	677.6	2
23923	Towels and washcloths not made in a weaving mill (also see code 22119)[2 3]	433.1	423.0	355.9	7
23924	Other house furnishings[2]	1 689.1	1 677.5	1 477.6	5
23920	House furnishings, n.e.c., n.s.k.[2]	465.2	360.7	456.8	12
2393-	**Textile bags**[2]	**468.4**	**441.4**	**409.3**	**8**
23930	Textile bags, except laundry, wardrobe and shoe[2]	468.4	441.4	409.3	8
2394-	**Canvas and related products**[2]	**877.8**	**736.2**	**690.9**	**6**
23940	Canvas and related products[2]	877.8	736.2	690.9	6
2395-	**Pleating and stitching**[2]	**932.2**	**890.6**	**891.4**	**4**
23951	Embroideries (except Schiffli machine products), stamped art goods and art needlework[2]	648.1	627.0	608.4	3
23959	Commission embroidering (except Schiffli machine), tucking, pleating, etc., for the trade[2]	92.9	72.9	91.7	10
23950	Pleating and stitching, n.s.k.[2]	191.3	190.7	191.3	15
2396-	**Automotive and apparel trimmings**[2]	**3 062.1**	**2 667.8**	**2 083.0**	**2**
23961	Men's and boys' suit and coat findings[2]	206.8	212.8	183.5	10
23962	Automobile trimmings[2]	2 222.7	1 913.7	1 384.3	1
23963	Other trimmings and findings[2]	386.6	292.2	282.5	7
23960	Automotive and apparel trimmings, n.s.k.[2]	246.0	249.1	232.6	8
2397-	**Schiffli machine embroideries**[2]	**249.0**	**222.6**	**263.7**	**8**
23970	Schiffli machine embroideries[2]	249.0	222.6	263.7	8
2399-	**Fabricated textile products, n.e.c.**[2]	**2 075.3**	**'1 692.6**	**1 458.1**	**4**
23990	Fabricated textile products, n.e.c.[2]	2 075.3	'1 692.6	1 458.1	4
24	**LUMBER AND WOOD PRODUCTS**				
2411-	**Logging products and contract logging**	**7 927.4**	**8 024.5**	**7 448.4**	**3**
24111	Softwood logs, bolts, and timber	3 000.2	3 177.5	3 083.2	3
24112	Hardwood logs, bolts, and timber	309.7	284.6	257.5	14
24113	Pulpwood	664.3	632.9	624.6	4
24114	Other roundwood products	273.1	350.1	327.2	6
24119	Receipts for contract logging	877.9	950.7	780.2	9
24110	Logging products and contract logging, n.s.k.	2 802.3	2 628.7	2 375.7	5
2421-	**Sawmill and planing mill products**	**13 218.9**	**12 509.0**	**9 966.2**	**2**
24211	Hardwood lumber, rough and dressed (except siding)	1 582.0	1 356.4	1 053.5	8
24212	Softwood lumber, rough and dressed (except siding)	7 253.1	7 325.2	5 202.5	2
24215	Wood chips, except field chips	1 716.0	1 709.5	1 687.6	2
24217	Softwood cut stock	351.8	337.7	259.9	6
24218	Softwood flooring, siding, and other general sawmill and planing mill products	280.2	198.6	141.1	14
24219	Custom sawing receipts from contract or custom sawing, kiln drying, and planing of lumber or logs owned by others	96.5	97.2	77.2	9
24210	Sawmills and planing mill products, n.s.k.	1 939.1	1 484.4	1 544.4	4
2426-	**Hardwood dimension and flooring**	**1 289.2**	**1 023.8**	**872.5**	**6**
24261	Hardwood flooring	380.1	259.5	187.9	13
24262	Hardwood dimension stock, furniture parts, and vehicle stock	620.8	524.3	452.7	7
24266	Wood frames for household furniture	166.0	135.4	130.8	10
24260	Hardwood dimension and flooring, n.s.k.	122.3	104.6	101.1	14
2429-	**Special product sawmills, n.e.c.**	**157.2**	**128.4**	**149.9**	**10**
24290	Shingles, shakes, cooperage stock, and excelsior	157.2	128.4	149.9	10
2431-	**Millwork**	**6 133.9**	**5 301.1**	**3 988.4**	**3**
24311	Wood window units	1 133.5	1 048.2	692.1	5
24312	Wood window sash	126.5	105.7	60.6	21
24313	Wood window and door frames	319.7	295.3	190.2	13
24314	Wood doors, interior and exterior	1 268.3	1 006.7	775.5	7
24315	Other wood doors, including garage, screen, etc.	696.0	555.3	480.4	6
24316	Wood moldings (standard) except prefinished moldings made from purchased moldings	875.2	789.7	507.9	10
24317	Prefinished wood moldings, made from purchased moldings	147.8	116.8	99.1	12
24318	Other millwork products	595.9	553.8	405.4	9
24310	Millwork, n.s.k.	971.0	829.6	777.2	8
2434-	**Wood kitchen cabinets**	**2 887.8**	**2 440.4**	**2 001.3**	**5**
24341	Wood kitchen cabinets and cabinetwork, stock line	1 166.7	971.4	708.0	7
24342	Wood kitchen cabinets and cabinetwork, custom	714.5	585.5	496.4	9
24343	Vanities and other cabinetwork	377.3	324.3	244.3	9
24340	Wood kitchen cabinets, n.s.k.	629.3	559.1	552.6	9

See footnotes at end of table.

Table 1. **Value of Shipments of Product Classes: 1982 to 1984**—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
24	**LUMBER AND WOOD PRODUCTS**—Con.				
2435-	**Hardwood veneer and plywood**	**1 501.4**	**r1 372.4**	**1 237.0**	**4**
24351	Hardwood plywood[3]	660.3	r620.7	530.6	5
24352	Prefinished hardwood plywood, from purchased plywood[3]	239.7	216.2	225.8	2
24353	Hardwood plywood type products	170.2	197.7	159.7	13
24354	Hardwood veneer, not reinforced or backed	332.6	285.5	277.7	9
24350	Hardwood veneer and plywood, n.s.k.	98.5	52.3	43.2	21
2436-	**Softwood veneer and plywood**	**3 612.8**	**r3 590.3**	**2 780.0**	**1**
24363	Softwood plywood type products	76.2	80.2	73.5	4
24364	Softwood veneer, not reinforced or backed	416.1	416.8	315.8	4
24365	Softwood plywood, rough[3]	1 895.5	r1 913.2	1 404.5	1
24366	Softwood plywood, sanded[3]	677.8	668.0	572.8	2
24367	Softwood plywood specialities[3]	509.1	482.2	381.6	1
24360	Softwood veneer and plywood, n.s.k.	38.1	29.9	31.8	37
2439-	**Structural wood members, n.e.c.**	**1 149.2**	**1 107.4**	**800.2**	**8**
24390	Fabricated structural wood products	1 149.2	1 107.4	800.2	8
2441-	**Nailed wood boxes and shook**	**341.2**	**330.2**	**314.8**	**8**
24411	Nailed or lock-corner wooden boxes	135.6	124.1	109.0	14
24412	Wooden box and crate shook	160.7	152.6	156.2	11
24410	Nailed wood boxes and shook, n.s.k.	44.9	53.4	49.4	12
2448-	**Wood pallets and skids**	**1 312.3**	**1 016.7**	**969.7**	**7**
24480	Pallets and skids	1 312.3	1 016.7	969.7	7
2449-	**Wood containers, n.e.c.**	**250.8**	**272.4**	**295.6**	**8**
24490	Wood containers, n.e.c.	250.8	272.4	295.6	8
2451-	**Mobile homes**	**4 265.3**	**4 790.1**	**3 578.9**	**2**
24511	Manufactured (mobile) homes (35 ft or more in length)	3 849.5	4 273.9	3 141.7	2
24512	Manufactured (mobile) buildings, nonresidential (35 ft or more in length)	154.5	168.2	183.7	13
24510	Mobile homes, n.s.k.	261.3	348.0	253.5	5
2452-	**Prefabricated wood buildings and components**	**1 651.3**	**1 460.2**	**1 286.5**	**4**
24521	Components for wood buildings (not complete units)	181.7	158.3	130.9	16
24522	Precut packages for wood buildings (complete units)	386.2	328.3	287.2	7
24523	Wood buildings, complete units in panel form	288.3	317.2	278.6	8
24524	Wood buildings in three dimensional assemblies	481.6	407.4	369.1	7
24520	Prefabricated wood buildings and components, n.s.k.	313.5	238.9	220.7	10
2491-	**Wood preserving**	**1 576.6**	**1 364.7**	**1 325.0**	**5**
24912	Treated wood poles, piles, and posts	484.3	451.2	461.1	6
24913	Other treated wood products	601.0	675.5	617.4	8
24919	Contract wood preserving	139.6	78.4	94.9	20
24910	Wood preserving, n.s.k.	171.6	159.6	151.6	9
2492-	**Particleboard[2]**	**936.5**	**712.8**	**553.7**	**4**
24920	Particleboard[2]	936.5	712.8	553.7	4
2499-	**Wood products, n.e.c.**	**3 924.8**	**3 752.7**	**3 300.7**	**3**
24991	Mirror and picture frames	548.2	685.5	505.5	5
24992	Cork and cork products	28.8	32.6	40.9	26
24993	Medium density fiberboard (MDF)	225.8	228.3	144.7	1
24995	Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF	137.4	105.0	110.3	15
24996	Hardboard products made from own hardboard[3]	658.4	626.0	558.3	2
24998	Hardboard products made from purchased hardboard	179.8	167.5	148.1	7
2499A	Miscellaneous wood products	1 371.3	1 269.7	1 199.4	6
24990	Wood products, n.e.c., n.s.k.	775.2	638.1	593.6	8
25	**FURNITURE AND FIXTURES**				
2511-	**Wood household furniture**	**6 186.1**	**5 457.4**	**4 846.1**	**3**
25112	Wood living room, library, family room, and den furniture	1 593.5	1 356.4	1 221.7	5
25113	Wood dining room and kitchen furniture, except cabinets	1 245.8	1 171.7	1 014.7	3
25115	Wood bedroom furniture	1 978.2	1 726.8	1 515.7	3
25116	Infants' and children's wood furniture	283.6	188.0	158.8	25
25117	Wood outdoor, unpainted, and unassembled furniture	406.6	323.0	249.9	3
25110	Wood household furniture, n.s.k.	658.3	691.6	665.4	8
2512-	**Upholstered household furniture**	**4 103.8**	**3 772.8**	**3 319.8**	**2**
25120	Upholstered wood household furniture, except dual purpose sleep furniture	4 103.8	3 772.8	3 319.8	2
2514-	**Metal household furniture**	**1 796.1**	**1 604.2**	**1 517.4**	**3**
25141	Metal household dining, dinette, and breakfast furniture	436.2	388.5	360.7	3
25142	Metal kitchen furniture	64.8	63.3	61.8	9
25143	Metal porch, lawn, outdoor, and casual furniture	475.9	400.1	399.4	3
25144	Other metal household furniture	647.5	591.0	539.2	5
25140	Metal household furniture, n.s.k.	171.7	161.3	156.3	25
2515-	**Mattresses and bedsprings**	**2 089.1**	**2 145.8**	**2 042.6**	**4**
25151	Innerspring mattresses, other than crib size	739.8	763.6	705.3	5
25152	Other mattresses, including crib mattresses	123.6	161.2	159.1	12
25153	Foundations	506.0	494.4	461.3	6
25155	Dual purpose sleep furniture	411.9	385.4	396.2	3
25156	Sleep system ensembles, except conventional water beds	39.1	22.7	23.9	18
25158	Conventional water beds	38.1	58.5	41.3	1
25150	Mattresses and bedsprings, n.s.k.	208.4	259.9	255.6	33
2517-	**Wood TV and radio cabinets**	**425.8**	**338.4**	**302.4**	**8**
25170	Wood TV, radio, stereo, and sewing machine cabinets	425.8	338.4	302.4	8
2519-	**Household furniture, n.e.c.**	**403.2**	**401.3**	**324.5**	**10**
25190	Household furniture, except wood or metal	403.2	401.3	324.5	10
2521-	**Wood office furniture[3]**	**1 545.0**	**1 231.1**	**1 132.1**	**5**
25210	Wood office furniture[3]	1 545.0	1 231.1	1 132.1	5

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
25	**FURNITURE AND FIXTURES—Con.**				
2522-	**Metal office furniture[3]**	**3 977.6**	**3 213.4**	**2 951.6**	**2**
25221	Office seating, including upholstered, except wood[3]	930.8	766.6	708.0	3
25225	Office desks and extensions, except wood[3]	320.4	249.2	232.2	6
25226	Office storage units, files, and tables, except wood[3]	1 191.2	1 001.1	991.1	3
25227	Panel and modular systems furniture, and all other nonwood office furniture, n.e.c.[3]	1 458.1	1 129.7	969.8	1
25220	Office furniture, except wood, n.s.k.[3]	77.1	66.7	50.6	23
2531-	**Public building and related furniture**	**1 162.0**	**1 091.7**	**1 052.5**	**6**
25311	School furniture, except stone and concrete	246.9	257.0	229.5	8
25312	Public building furniture, except school furniture	803.3	762.5	744.1	8
25310	Public building furniture, n.s.k.	111.8	72.2	79.0	9
2541-	**Wood partitions and fixtures**	**2 093.4**	**1 808.1**	**1 678.8**	**6**
25411	Wood partitions, shelving, and lockers	259.5	176.9	152.5	13
25412	Plastics laminated fixture tops	322.7	290.7	236.9	10
25413	Wood fixtures for stores, banks, offices, etc.	1 152.7	1 080.3	997.0	10
25410	Wood partitions, shelving, lockers, and fixtures, n.s.k.	358.5	260.2	290.3	13
2542-	**Metal partitions and fixtures**	**2 230.5**	**1 892.3**	**1 828.2**	**4**
25421	Partitions, except wood	238.6	232.5	218.0	6
25422	Shelving and lockers, except wood	524.4	446.4	469.4	6
25423	Storage racks and accessories, except wood	397.9	350.9	342.9	9
25424	Fixtures for stores, banks, and offices, except wood	827.3	692.1	636.3	6
25420	Partitions, shelving, lockers, and fixtures (except wood), n.s.k.	242.3	170.3	161.6	15
2591-	**Drapery hardware and blinds and shades**	**1 232.9**	**1 187.8**	**1 001.2**	**5**
25913	Window shades and accessories	211.9	215.6	181.0	8
25914	Venetian blinds	541.1	516.0	406.5	9
25915	Other shades and blinds, n.e.c., and curtain and drapery rods, and poles, etc.	408.1	353.5	301.8	3
25910	Drapery hardware, blinds, and shades, n.s.k.	71.8	102.7	111.9	41
2599-	**Furniture and fixtures, n.e.c.**	**1 577.1**	**1 428.8**	**1 271.3**	**4**
25990	Furniture and fixtures, n.e.c.	1 577.1	1 428.8	1 271.3	4
26	**PAPER AND ALLIED PRODUCTS**				
2611-	**Pulp mill products**	**4 183.9**	**3 624.3**	**3 844.2**	**1**
26111	Special alpha and dissolving woodpulp[3]	617.6	589.9	593.8	1
26113	Sulfate wood pulp[3]	3 125.3	2 479.7	2 510.8	1
26114	Sulfite and other wood pulp[3]	200.4	209.6	183.0	1
26115	Pulp, other than wood, and pulpmill byproducts, n.e.c.	236.8	336.0	353.0	2
26110	Pulp mill products, n.s.k.	3.8	9.1	3.6	1
2621-	**Paper mill products, except building paper**	**24 354.3**	**21 361.0**	**20 056.9**	**1**
26211	Newsprint[3]	2 369.8	2 220.1	2 161.6	1
26212	Uncoated groundwood paper[3]	1 043.8	888.6	841.5	1
26213	Clay coated printing and converting papers[3]	5 362.7	4 232.4	3 787.3	1
26214	Uncoated free sheet[3]	6 899.1	5 999.2	5 530.6	1
26215	Bleached bristols, excluding cotton fiber index and bogus[3]	706.7	667.6	605.2	1
26216	Cotton fiber paper and thin paper[3]	762.4	619.1	599.3	2
26217	Unbleached kraft packaging and industrial converting paper[3]	1 349.1	1 219.0	1 199.8	1
26218	Packaging and industrial converting paper, except unbleached kraft [3]	858.7	738.3	666.7	1
26219	Special industrial paper[3]	1 058.2	960.0	942.8	2
2621A	Tissue paper and other machine creped paper[3]	3 882.3	3 782.2	3 685.4	1
26210	Paper mill products, except building paper, n.s.k.	59.4	34.2	36.7	35
2631-	**Paperboard mill products**	**11 686.2**	**9 932.8**	**9 390.0**	**1**
26311	Unbleached kraft packaging and industrial converting paperboard[3]	5 218.1	4 101.0	4 076.1	1
26312	Bleached packaging and industrial converting paperboard[3]	2 366.6	2 215.3	2 146.0	1
26313	Semichemical paperboard[3]	1 355.3	987.2	1 012.5	1
26314	Recycled paperboard[3]	2 607.0	2 537.3	2 062.1	1
26318	Wet machine board[3]	81.6	64.8	62.8	9
26310	Paperboard mill products, n.s.k.	57.6	27.4	30.4	16
2641-	**Coated and glazed paper**	**6 451.9**	**5 314.1**	**4 903.1**	**2**
26411	Printing paper coated at establishments other than where paper was produced	319.7	322.0	241.6	9
26413	Gummed products[3]	290.1	228.9	211.9	8
26414	Pressure sensitive products[3]	2 616.3	2 110.6	1 867.6	2
26415	Single web paper, coated rolls and sheets, including waxed, for packaging uses	517.1	446.4	433.9	4
26416	Single web film, coated roll and sheets, including coextruded, for packaging uses	317.2	194.0	168.2	5
26419	Paper/paper multiweb laminations, for packaging uses	187.4	155.0	182.3	7
2641A	Multiweb laminated rolls and sheets except paper/paper and foil for packaging uses	683.8	562.7	544.8	5
2641B	Other coated and processed paper, except for packaging	1 135.7	1 023.3	900.3	3
26410	Coated and glazed paper, n.s.k.	384.6	271.2	352.6	7
2642-	**Envelopes[3]**	**2 107.6**	**1 874.9**	**1 751.6**	**2**
26420	Envelopes, all types and materials (except stationery)[3]	2 107.6	1 874.9	1 751.6	2
2643-	**Bags, except textile bags**	**5 387.6**	**5 081.3**	**4 772.8**	**2**
26434	Grocer's bags and sacks, variety, shopping, uncoated	1 183.4	1 181.9	1 163.8	4
26435	Specialty bags and liners, single web paper, coated	255.3	279.8	205.5	4
26436	Specialty bags and liners, single web film	2 346.6	2 271.7	1 964.0	3
26437	Specialty bags and liners, multiweb laminations and foil	235.0	244.4	222.1	2
26438	Shipping sacks and multiwall bags, except textiles	963.1	878.1	846.5	4
26430	Bags, except textile bags, n.s.k.	404.1	225.3	370.9	12
2645-	**Die-cut paper and board**	**1 880.0**	**1 797.6**	**1 605.1**	**2**
26453	Die-cut paper and board office supplies[2 3]	652.3	669.2	597.9	3
26454	Die-cut paper and board products (other than office)	264.0	254.7	199.4	12
26455	Pasted, lined, laminated, or surface-coated paperboard	828.3	745.3	684.8	2
26450	Die-cut paper and board products, n.s.k.	135.4	128.3	123.0	7
2646-	**Pressed and molded pulp goods**	**236.3**	**217.4**	**242.3**	**2**
26460	Pressed and molded pulp goods	236.3	217.4	242.3	2
2647-	**Sanitary paper products**	**9 771.5**	**8 615.8**	**8 373.5**	**1**
26471	Sanitary napkins and tampons	1 162.5	944.3	915.1	2
26473	Disposable diapers, except diaper liners, paper	2 593.9	2 175.0	2 158.5	1
26474	Sanitary tissue health products	5 920.7	5 457.4	5 259.8	1
26470	Sanitary paper products, n.s.k.	94.4	39.1	40.1	3

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
26	**PAPER AND ALLIED PRODUCTS**—Con.				
2648-	**Stationery products[3]**	**1 160.9**	**1 057.6**	**959.2**	**4**
26481	Stationery[3]	304.9	309.5	261.8	7
26482	Tablets, pads, and related products[3]	736.0	653.9	603.1	5
26480	Stationery products, n.s.k.	120.0	94.3	94.4	4
2649-	**Converted paper products, n.e.c.**	**2 928.2**	**2 603.6**	**2 436.1**	**2**
26493	Wallcoverings	497.6	459.6	396.9	3
26494	Gift wrap paper	491.9	401.0	389.6	1
26496	Paper business machine supplies, office supplies, n.e.c.[3]	190.7	187.2	221.8	8
26497	Other converted paper and board products	1 261.7	1 210.2	1 082.6	4
26490	Converted paper products, n.e.c., n.s.k.	486.3	345.7	345.2	6
2651-	**Folding paperboard boxes**	**4 326.5**	**3 979.5**	**3 743.9**	**2**
26510	Bending paperboard packaging and packaging components	4 326.5	3 979.5	3 743.9	2
2652-	**Setup paperboard boxes**	**492.6**	**552.3**	**485.1**	**9**
26520	Set-up (rigid) paperboard boxes	492.6	552.3	485.1	9
2653-	**Corrugated and solid fiber boxes**	**12 718.7**	**11 045.1**	**10 303.1**	**1**
26530	Corrugated and solid fiber boxes, including pallets	12 718.7	11 045.1	10 303.1	1
2654-	**Sanitary food containers**	**2 749.7**	**2 686.4**	**2 555.8**	**1**
26541	Milk and other beverage cartons	577.5	535.2	550.5	1
26542	Cups and liquid-tight containers	964.6	961.4	885.2	1
26544	Folding sanitary food containers for liquid, etc.	730.3	771.8	714.7	3
26545	Other sanitary food containers, boards, and trays	406.8	375.6	362.2	4
26540	Sanitary food containers, n.s.k.	70.6	42.4	43.1	10
2655-	**Fiber cans, drums, and similar products**	**1 679.4**	**1 643.2**	**1 490.3**	**2**
26551	Paperboard fiber drums	312.7	317.2	289.8	3
26552	Fiber cans, tubes, and similar fiber products	1 286.0	1 283.5	1 152.3	2
26550	Fiber cans, drums, and similar products, n.s.k.	80.7	42.5	48.2	8
2661-	**Building paper and board**	**428.6**	**415.9**	**354.3**	**2**
26611	Fiberboard[3]	245.9	225.0	188.9	1
26612	Construction paper[3]	174.7	189.2	165.3	3
26610	Building paper and board, n.s.k.	(S)	1.7	-	(X)
27	**PRINTING AND PUBLISHING**				
2711-	**Newspapers**	**24 033.6**	**22 292.9**	**20 313.7**	**1**
27111	Daily and Sunday newspapers, subscriptions and sales	4 355.1	4 260.3	3 922.5	1
27112	Daily and Sunday newspapers, advertising	16 338.7	14 640.9	13 233.2	1
27113	Weekly and other newspapers, subscriptions and sales	468.9	471.1	429.6	9
27114	Weekly and other newspapers, advertising	1 343.5	1 290.3	1 106.9	8
27110	Newspaper publishing, n.s.k.	1 527.5	1 630.3	1 621.5	6
2721-	**Periodicals**	**12 883.5**	**11 622.9**	**10 625.8**	**2**
27211	Farm periodicals, subscriptions, sales, advertising	270.8	282.0	246.9	6
27213	Business and professional periodicals, subscriptions and sales	1 134.8	1 076.7	952.8	5
27214	Business and professional periodicals, advertising	2 239.0	1 887.0	1 647.5	3
2721A	General and consumer periodicals, subscriptions	2 138.8	2 057.6	1 596.6	2
2721B	General and consumer periodicals, single-copy sales	1 265.0	1 150.0	963.8	5
2721C	General and consumer periodicals, advertising	3 517.5	3 247.1	3 161.8	2
2721D	Other periodicals, except shopping news, directories, or catalogs, n.e.c.	663.3	561.4	509.8	11
27210	Periodical publishing, n.s.k.	1 654.2	1 361.1	1 546.6	6
2731-	**Book publishing**	**9 383.9**	**8 398.7**	**7 812.6**	**2**
27311	Textbooks, including teachers' editions	2 596.7	2 373.7	2 167.9	3
27313	Technical, scientific, and professional books	1 715.5	1 441.1	1 359.6	6
27314	Religious books	420.9	369.8	322.1	5
2731A	Mass market paperbound books, rack size	779.4	579.1	553.4	1
2731B	Book club books	420.2	470.8	417.9	1
2731C	Mail order books	579.9	508.4	508.6	2
2731D	Adult trade and juvenile books	1 352.3	1 223.2	1 111.4	4
2731E	General reference books	345.1	319.3	299.0	6
2731F	Other books, excluding pamphlets	190.2	217.7	218.5	3
2731G	Pamphlets (5 to 48 pages)	79.1	77.0	75.4	21
27310	Book publishing, n.s.k.	904.6	818.7	778.7	9
2732-	**Book printing**	**2 973.9**	**2 730.2**	**2 501.9**	**3**
27323	Textbooks, printing and binding	476.7	360.7	335.1	8
27324	Technical, scientific, and professional books, printing and binding	370.7	364.4	289.5	10
27325	Religious books, printing and binding	116.3	100.5	107.3	7
27326	General books (trade, etc.), printing and binding	727.9	637.2	615.4	3
2732A	Other books, n.e.c., printing and binding	522.4	364.8	383.6	11
2732B	Books, printing only, not bound	118.3	115.0	111.8	11
2732C	Pamphlets, printing only or printing and binding	302.4	218.0	200.8	11
27320	Book printing, n.s.k.	339.1	569.5	458.4	9
2741-	**Miscellaneous publishing**	**3 496.7**	**3 182.2**	**3 096.6**	**3**
27411	Catalogs and directories, publishing	973.5	905.4	882.7	7
27412	Business service publications, publishing	753.3	578.2	535.5	5
27414	Patterns, including clothing patterns	185.0	184.5	181.8	1
27415	Other miscellaneous publishing	1 077.7	1 024.7	1 010.5	4
27410	Miscellaneous publishing, n.s.k.	507.1	489.5	486.0	9
2751-	**Commercial printing, letterpress**	**6 934.7**	**6 126.5**	**6 029.8**	**3**
27511	Magazine and periodical printing (letterpress)	170.9	161.5	267.2	6
27512	Labels and wrappers, printing (letterpress)	1 294.4	1 181.4	1 079.4	4
27513	Catalogs and directories, printing (letterpress)	159.3	174.9	224.0	10
27514	Financial and legal printing (letterpress)	243.0	237.5	239.4	4
27515	Advertising printing (letterpress)	411.3	349.8	337.5	15
27516	Other general job printing (letterpress)	898.9	812.9	798.2	5
27519	Screen process printing, except textiles	929.6	775.9	696.9	7
27510	Commerical printing, letterpress, n.s.k.	2 627.3	2 432.8	2 367.2	4

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
27	**PRINTING AND PUBLISHING**—Con.				
2752-	**Commercial printing, lithographic**	**23 683.0**	**20 545.0**	**18 777.9**	**2**
27521	Magazine and periodical printing (lithographic)	3 183.9	2 800.5	2 536.2	2
27522	Labels and wrappers, printing (lithographic)	769.8	731.8	677.0	8
27523	Catalogs and directories, printing (lithographic)	2 298.2	1 890.2	1 804.2	4
27524	Financial and legal printing (lithographic)	1 038.9	1 123.1	957.5	6
27525	Advertising printing (lithographic)	7 190.7	5 528.4	4 985.1	2
27526	Other general job printing (lithographic)	3 726.5	3 543.2	3 343.3	3
27520	Commercial printing, lithographic (offset), n.s.k.	5 475.1	4 927.8	4 474.6	5
2753-	**Engraving and plate printing**	**839.7**	**618.0**	**603.7**	**7**
27531	Engraving	236.7	242.2	228.2	9
27532	Engraved or etched printing plates made for others	257.0	223.2	213.5	13
27530	Engraving and plate printing, n.s.k.	146.1	152.7	162.0	10
2754-	**Commercial printing, gravure**	**2 744.5**	**2 480.3**	**2 248.9**	**2**
27541	Magazine and periodical printing (gravure)	629.1	576.6	521.0	1
27542	Labels and wrappers, printing (gravure)	494.9	499.0	437.4	5
27543	Catalogs and directories, printing (gravure)	831.8	701.7	651.2	6
27545	Advertising printing (gravure)	363.6	320.4	286.4	2
27546	Other commercial printing (gravure)	136.0	118.5	102.7	3
27547	Gravure plates and cylinders	117.1	95.4	89.9	8
27540	Commercial printing, gravure, n.s.k.	172.1	168.7	160.4	9
2761-	**Manifold business forms[3]**	**5 904.5**	**5 014.8**	**4 812.2**	**2**
27612	Unit set forms[3]	1 438.3	1 255.9	1 187.7	4
27613	Manifold books[3]	289.8	253.5	238.5	5
27615	Custom continuous forms[3]	2 312.3	1 776.6	1 731.6	3
27617	Stock continuous forms[3]	1 565.4	1 303.3	1 270.4	5
27610	Manifold business forms, n.s.k.[3]	298.7	425.4	384.0	12
2771-	**Greeting card publishing**	**1 679.0**	**1 595.8**	**1 395.2**	**1**
27711	Greeting cards, publishers' sales	1 479.1	1 441.7	1 254.8	1
27712	Greeting cards, printed for publication by others	100.8	98.0	88.0	7
27710	Greeting cards, publishing, n.s.k.	99.2	56.1	52.4	6
2782-	**Blankbooks and looseleaf binders**	**2 185.3**	**2 203.5**	**1 874.8**	**3**
27823	Checkbooks	958.0	927.7	776.6	3
27824	Blankbook making, except checkbooks[3]	251.7	348.0	279.5	5
27825	Looseleaf binders and devices[3]	839.5	736.4	652.8	4
27820	Blankbooks and looseleaf binders, n.s.k.	136.1	191.3	165.7	18
2789-	**Bookbinding and related work**	**817.2**	**885.4**	**785.9**	**7**
27891	Edition, library, and other hardcover bookbinding	211.5	202.2	183.0	4
27892	Other book and pamphlet binding, related binding work	455.0	510.2	435.8	11
27890	Bookbinding and related work, n.s.k.	150.8	153.1	147.1	15
2791-	**Typesetting**	**1 508.5**	**1 390.6**	**1 330.9**	**3**
27910	Typesetting	1 508.5	1 390.6	1 330.9	3
2793-	**Photoengraving**				
27930	Photoengraving plates made for others	**186.1**	**150.2**	**160.7**	**11**
2794-	**Electrotyping and stereotyping**				
27940	Electrotyping and stereotyping duplicate plates				
2795-	**Lithographic platemaking services**	**1 422.3**	**1 268.5**	**1 173.1**	**4**
27951	Lithographic plates	315.2	269.6	277.9	6
27952	Lithographic platemaking services	946.9	849.5	748.3	6
27950	Lithographic plates and platemaking services, n.s.k.	160.2	149.4	146.9	9
28	**CHEMICALS AND ALLIED PRODUCTS**				
2812-	**Alkalies and chlorine[3]**	**2 253.0**	**2 224.5**	**2 348.1**	**2**
28121	Chlorine, compressed or liquefied[3]	753.7	588.3	440.8	1
28123	Sodium hydroxide (caustic soda)[3]	1 136.5	1 307.7	1 584.2	2
28125	Other alkalies[3]	303.8	304.3	294.0	3
28120	Alkalies and chlorine, n.s.k.	58.9	24.2	27.1	31
2813-	**Industrial gases[3]**	**2 389.9**	**2 072.0**	**2 002.2**	**3**
28132	Acetylene[3]	136.1	128.9	136.0	5
28133	Carbon dioxide[3]	233.5	219.9	207.5	3
28135	Nitrogen[3]	722.2	626.4	632.0	3
28136	Oxygen[3]	623.2	627.4	578.3	5
28137	Other elemental, compressed, and liquefied gases, n.e.c.[2 3]	554.9	400.8	376.5	4
28130	Industrial gases, n.s.k.	120.0	66.6	71.9	28
2816-	**Inorganic pigments**	**1 985.5**	**1 891.1**	**1 590.7**	**3**
28161	Titanium pigments[3]	997.8	946.4	845.8	1
28162	Other white opaque pigments	223.3	192.1	189.3	2
28163	Chrome colors and other inorganic pigments	727.3	524.9	529.3	7
28160	Inorganic pigments, n.s.k.	37.0	27.7	26.3	1
2819-	**Industrial inorganic chemicals, n.e.c.[2 3]**	**10 458.3**	**9 819.8**	**9 698.2**	**2**
28193	Sulfuric acid[3]	587.4	611.7	586.0	1
28194	Inorganic acids, except nitric, sulfuric, and phosphoric[3]	508.1	458.4	478.6	6
28195	Aluminum oxide[3]	789.2	717.7	844.2	1
28196	Other aluminum compounds[3]	440.9	406.4	376.8	2
28197	Potassium and sodium compounds, n.e.c.[3]	1 621 3	1 582.7	1 462.8	3
28198	Chemical catalytic preparations[3]	1 019.9	'849.3	676.5	3
28199	Other inorganic chemicals, n.e.c.[3]	4 988.0	'4 721.5	4 790.7	2
28190	Industrial inorganic chemicals, n.e.c., n.s.k.	503.6	470.1	482.6	5
2821-	**Plastics materials and resins[3]**	**22 729.9**	**21 053.4**	**17 614.8**	**1**
28213	Thermoplastics resins and plastics materials[3]	18 628.9	17 133.4	14 251.6	1
28214	Thermosetting resins and plastics materials[3]	3 549.0	3 403.6	2 877.9	1
28210	Plastics materials and resins, n.s.k.	552.0	516.4	485.3	6
2822-	**Synthetic rubber[3]**	**3 687.6**	**3 275.7**	**3 212.2**	**1**
28220	Synthetic rubber (vulcanizable elastomers)[2 3]	3 687.6	3 275.7	3 212.2	1
2823-	**Cellulosic manmade fibers**	**1 103.7**	**1 207.3**	**1 114.8**	**1**
28230	Rayon and acetate fibers	1 103.7	1 207.3	1 114.8	1

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
28	**CHEMICALS AND ALLIED PRODUCTS**—Con.				
2824-	**Organic fibers, noncellulosic**	**8 571.0**	**8 288.0**	**7 149.8**	**1**
28241	Nylon fibers, except producer textured	2 662.8	2 510.6	1 891.1	2
28243	Acrylic and modacrylic, except producer textured	562.2	578.7	595.5	1
28244	Polyester, except producer textured	3 147.3	3 111.6	2 679.1	2
28245	Other noncellulosic synthetic fibers, except producer textured	586.6	518.8	445.9	6
28246	Producer textured noncellulosic synthetic fibers	1 581.3	1 543.6	1 519.7	1
28240	Synthetic organic fibers, noncellulosic, n.s.k.	30.9	24.8	18.6	2
2831-	**Biological products**	**2 779.4**	**2 531.8**	**2 416.5**	**2**
28311	Blood and blood derivatives for human use	376.7	362.0	361.0	3
28312	Vaccines, toxoids, and antigens for human use	219.3	198.4	186.0	3
28317	Other biologics for human use, except diagnostics	133.3	144.7	126.2	1
28318	Biological products for veterinary use, except diagnostics	167.3	196.6	180.6	6
28319	Biological products for industrial and other uses	44.0	51.7	25.2	14
2831A	Diagnostics substances, in vivo and in vitro	1 553.5	1 376.3	1 321.8	3
28310	Biological products, n.s.k.	285.4	202.1	213.5	8
2833-	**Medicinals and botanicals**	**3 397.5**	**3 505.0**	**3 732.7**	**2**
28331	Synthetic organic medicinal chemicals in bulk[2]	2 746.9	2 850.8	3 101.4	1
28333	Other bulk medicinal chemicals and botanical products	426.0	429.7	405.0	7
28330	Medicinals and botanicals, n.s.k.	224.6	224.4	226.3	9
2834-	**Pharmaceutical preparations[3]**	**20 691.7**	**18 980.3**	**16 690.5**	**1**
28341	Pharmaceutical preparations affecting neoplasms, the endocrine system, and metabolic diseases, for human use[3]	1 876.0	1 904.9	1 635.1	4
28342	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use[3]	5 039.6	4 307.4	3 758.8	1
28343	Pharmaceutical preparations acting on the cardiovascular system, for human use[3]	2 753.1	2 183.1	1 836.6	4
28344	Pharmaceutical preparations acting on the respiratory system, for human use[3]	1 823.0	1 823.7	1 586.1	2
28345	Pharmaceutical preparations acting on the digestive or the genito-urinary systems, for human use[3]	1 613.4	1 482.3	1 345.5	3
28346	Pharmaceutical preparations acting on the skin, for human use[3]	1 067.1	983.2	824.5	3
28347	Vitamin, nutrient, and hematinic preparations, for human use[3]	2 321.0	2 401.3	2 103.5	3
28348	Pharmaceutical preparations affecting parasitic and infective diseases, for human use[3]	3 022.3	2 692.7	2 438.6	1
28349	Pharmaceutical preparations for veterinary use[3]	826.5	770.5	778.6	4
28340	Pharmaceutical preparations, n.s.k.	349.7	431.2	381.0	11
2841-	**Soap and other detergents**	**8 265.2**	**7 889.7**	**7 852.3**	**2**
28411	Soap and detergents, nonhousehold	1 582.9	1 517.8	1 536.5	5
28412	Household detergents[3]	4 680.4	4 462.3	4 349.3	1
28413	Soaps, except specialty cleaners, household	1 204.4	1 214.1	1 220.4	2
28414	Glycerin, natural	179.2	134.5	153.7	2
28410	Soaps and other detergents, n.s.k.	618.3	560.9	590.3	7
2842-	**Polishes and sanitation goods**	**4 095.8**	**4 248.0**	**4 047.1**	**3**
28422	Household bleaches[3]	531.9	542.2	528.4	5
28423	Specialty cleaning and sanitation products	2 322.9	2 464.8	2 327.8	4
28424	Polishing preparations and related products	720.5	690.1	648.0	3
28420	Polishes and sanitation goods, n.s.k.	520.4	550.9	542.9	7
2843-	**Surface active agents[2]**	**2 579.6**	**2 548.1**	**2 495.7**	**3**
28430	Surface active agents, finishing agents, and assistants[2]	2 579.6	2 548.1	2 495.7	3
2844-	**Toilet preparations**	**12 155.2**	**11 247.8**	**10 437.1**	**1**
28441	Shaving preparations	415.4	351.3	328.7	1
28442	Perfumes, toilet water, and colognes	1 738.4	1 732.3	1 634.1	2
28443	Hair preparations, including shampoos	2 817.1	2 558.7	2 430.0	2
28444	Dentifrices, including mouthwashes, gargles, and rinses	1 174.6	1 227.4	1 178.9	1
28445	Other cosmetics and toilet preparations	5 305.7	4 760.3	4 266.5	1
28440	Toilet preparations, n.s.k.	704.1	617.9	598.9	6
2851-	**Paints and allied products[3]**	**10 043.9**	**9 528.4**	**8 506.5**	**2**
28511	Architectural coatings, including architectural lacquers[3]	3 597.6	3 307.0	3 076.3	2
28512	Product finishes for original equipment manufacturers[3]	3 262.2	2 822.3	2 491.8	2
28513	Special purpose coatings[3]	1 660.5	1 729.1	1 380.7	4
28515	Miscellaneous allied paint products[3]	894.1	822.9	801.6	8
28510	Paints and allied products, n.s.k.	629.4	847.0	756.2	6
2861-	**Gum and wood chemicals**	**617.7**	**573.1**	**658.5**	**2**
28611	Softwood distillation products	97.9	98.3	167.1	6
28612	Other gum and wood chemicals	506.5	464.3	481.6	2
28610	Gum and wood chemicals, n.s.k.	13.3	10.6	9.8	7
2865-	**Cyclic crudes and intermediates[2]**	**9 350.7**	**8 798.4**	**7 686.0**	**1**
28651	Cyclic intermediates[2]	7 417.4	6 939.3	5 943.0	1
28652	Synthetic organic dyes[2]	707.2	715.4	700.2	2
28653	Synthetic organic pigments, lakes, and toners[2]	656.4	650.5	535.3	2
28655	Cyclic (coal tar) crudes[2]	492.6	445.7	452.8	1
28650	Cyclic crudes and intermediates, n.s.k.	77.2	47.5	54.7	3
2869-	**Industrial organic chemicals, n.e.c.**	**29 879.3**	**28 311.5**	**26 714.5**	**1**
28693	Synthetic organic chemicals, n.e.c.[2]	2 573.8	2 301.6	1 873.1	2
28694	Pesticides and other synthetic organic agricultural chemicals[2]	1 587.9	1 590.7	1 785.8	1
28695	Ethyl alcohol and other industrial organic chemicals, n.e.c.[2]	1 399.6	1 437.2	1 137.4	4
28696	Miscellaneous end-use chemicals and chemical products[2]	4 067.6	3 054.6	3 135.0	2
28697	Miscellaneous cyclic and acyclic chemicals[2]	19 899.4	19 512.8	18 499.9	1
28690	Industrial organic chemicals, n.e.c., n.s.k.	351.1	414.6	283.3	14
2873-	**Nitrogenous fertilizers**	**3 953.5**	**3 235.5**	**3 396.8**	**1**
28731	Synthetic ammonia, nitric acid, and ammonium compounds[3]	3 168.9	2 590.1	2 745.6	1
28732	Urea[2, 3]	676.3	546.2	540.7	1
28733	Fertilizer materials of organic origin	42.3	20.4	30.0	26
28730	Nitrogenous fertilizers, n.s.k.	65.9	78.8	82.3	2
2874-	**Phosphatic fertilizers**	**4 340.3**	**3 923.9**	**3 742.0**	**1**
28741	Phosphoric acid[3]	1 095.4	977.3	1 028.9	1
28742	Superphosphate, other phosphatic fertilizer materials[3]	2 702.4	2 357.7	1 997.6	1
28744	Mixed fertilizers produced from one or more materials made in same plant (also see code 28750)[2]	522.8	565.5	708.6	5
28740	Phosphatic fertilizers, n.s.k.	19.6	23.5	6.8	72
2875-	**Fertilizers, mixing only**	**1 650.5**	**1 602.8**	**1 528.9**	**6**
28750	Mixed fertilizers made by plants which do not manufacture fertilizer materials (also see code 28744)[2]	1 650.5	1 602.8	1 528.9	6

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

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Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
28	**CHEMICALS AND ALLIED PRODUCTS**—Con.				
2879-	**Agricultural chemicals, n.e.c.**	**5 613.4**	**4 690.0**	**4 794.0**	**1**
28795	Insecticidal preparations for agricultural, garden, and health service use	1 043.7	758.1	966.2	3
28796	Herbicidal preparations for agricultural, garden, and health service use	3 248.2	2 614.3	2 641.7	2
28797	Fungicidal preparations for agricultural, garden, and health service use	367.6	357.7	348.6	1
28798	Other pesticidal preparations primarily for agricultural, garden, and health service use	207.6	224.1	192.8	5
28799	Household pesticidal preparations, including industrial exterminants	516.6	544.5	468.2	2
28790	Agricultural chemicals, n.s.k.	229.7	191.4	176.4	5
2891-	**Adhesives and sealants**	**3 459.6**	**3 176.9**	**2 903.0**	**3**
28913	Natural base glues and adhesives	224.1	176.0	177.5	16
28914	Synthetic resin and rubber adhesives	2 222.5	1 960.5	1 833.8	2
28915	Caulking compounds and sealants	650.8	646.1	602.8	8
28910	Adhesives and sealants, n.s.k.	362.2	394.2	288.9	5
2892-	**Explosives**	**703.2**	**588.9**	**587.6**	**3**
28920	Explosives	703.2	588.9	587.6	3
2893-	**Printing ink**	**1 813.3**	**1 604.5**	**1 518.7**	**2**
28931	Letterpress inks (black and color)	139.6	110.1	128.0	5
28932	Lithographic and offset inks (black and color)	691.8	619.2	536.4	4
28933	Gravure inks	356.8	337.2	325.8	3
28934	Flexographic inks	300.6	262.3	241.7	1
28935	Printing inks, n.e.c.	156.8	147.7	143.8	13
28930	Printing ink, n.s.k.	167.8	128.1	143.1	3
2895-	**Carbon black**	**812.2**	**674.9**	**652.7**	**1**
28950	Carbon black (channel and furnace process only)	812.2	674.9	652.7	1
2899-	**Chemical preparations, n.e.c.**	**6 919.1**	**6 099.9**	**6 101.0**	**2**
28991	Salt	408.4	390.8	419.8	2
28992	Fatty acids (produced for sale as such)	471.1	346.7	350.8	2
28994	Gelatin, except ready-to-eat desserts	226.1	228.6	242.3	1
28995	Essential oils, fireworks, and chemical preparations, n.e.c.	4 826.8	4 486.3	4 437.4	2
28990	Chemical preparations, n.e.c., n.s.k.	986.6	647.5	650.7	7
29	**PETROLEUM AND COAL PRODUCTS**				
2911-	**Petroleum refining**	**171 839.1**	**175 185.9**	**191 374.7**	**1**
29111	Gasoline, including finished base stocks and blending agents	80 810.0	86 425.6	95 114.7	1
29112	Jet fuel	14 270.1	13 755.2	14 862.4	1
29113	Kerosene	1 311.0	1 216.4	1 886.6	1
29114	Light fuel oils	33 431.1	32 355.4	37 302.6	1
29115	Heavy fuel oil	10 143.7	10 178.9	11 390.6	1
29117	Lubricating oils and greases made in refineries[2]	3 245.6	3 115.3	2 891.4	1
29118	Unfinished oils and lubricating oil base stock	7 893.6	8 241.5	8 065.9	1
29119	Asphalt	3 699.5	3 266.2	2 980.3	1
2911A	Liquefied refinery gases, including other aliphatics, made in a refinery[2]	4 589.6	4 051.9	4 454.7	1
2911B	Liquefied refinery gases, including other aliphatics, not made in a refinery[2]	4 453.3	3 974.2	3 941.4	1
2911C	Aromatics made from purchased refinery products[2]	1 139.3	1 244.7	1 353.7	1
2911D	Other finished petroleum products (including waxes)	5 213.2	5 800.6	5 609.3	1
29110	Petroleum refining products, n.s.k.	1 639.2	1 560.0	1 521.2	5
2951-	**Paving mixtures and blocks**	**3 344.2**	**3 014.6**	**2 881.0**	**4**
29510	Paving mixtures and blocks	3 344.2	3 014.6	2 881.0	4
2952-	**Asphalt felts and coatings**	**3 277.0**	**3 028.1**	**2 633.2**	**3**
29521	Asphalt and tar saturated felts and boards for nonbuilding use	39.5	75.2	64.4	12
29522	Roofing asphalts and pitches, coatings, and cements	529.0	437.1	466.8	9
29523	Prepared asphalt and tar roofing and siding products[3]	2 548.0	2 402.2	2 030.8	3
29520	Asphalt felts and coatings, n.s.k.	160.5	113.7	71.2	3
2992-	**Lubricating oils and greases**	**3 157.8**	**2 668.1**	**2 718.3**	**2**
29920	Lubricating oils and greases not made in a refinery[2]	3 157.8	2 668.1	2 718.3	2
2999-	**Petroleum and coal products, n.e.c.**	**677.2**	**656.7**	**700.3**	**3**
29990	Petroleum and coal products, n.e.c.	677.2	656.7	700.3	3
30	**RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS**				
3011-	**Tires and inner tubes**	**10 281.2**	**9 892.6**	**9 047.3**	**1**
30111	Passenger car pneumatic tires (casings)	5 590.5	5 466.1	5 068.4	1
30112	Truck and bus pneumatic tires	3 257.2	2 914.0	2 592.7	1
30117	Tractor and implement pneumatic tires	265.0	397.7	243.1	1
30118	Industrial and utility pneumatic tires	248.7	195.5	186.3	1
30119	Other pneumatic tires	124.6	112.4	123.3	3
3011A	Solid and semipneumatic tires	101.1	105.0	127.6	6
3011B	Truck and bus inner tubes	101.9	90.7	90.5	5
3011C	All other inner tubes	86.6	75.6	94.6	3
3011D	Tread rubber, tire sundries, and repair materials	463.7	514.5	501.4	6
30110	Tires and inner tubes, n.s.k.	42.0	20.9	19.3	1
3021-	**Rubber and plastics footwear**	**560.6**	**625.3**	**662.6**	**3**
30214	Protective footwear[3]	152.7	136.9	121.8	1
30215	Shoes with soles vulcanized, molded, or cemented to fabric upper[3]	397.7	484.1	536.1	4
30210	Rubber and plastics footwear, n.s.k.	10.2	4.3	4.7	1
3031-	**Reclaimed rubber**	**60.6**	**45.4**	**59.8**	**3**
30310	Reclaimed rubber	60.6	45.4	59.8	3
3041-	**Rubber and plastics hose and belting[3]**	**2 189.4**	**1 793.9**	**1 899.3**	**3**
30411	Rubber and plastics belts and belting, flat[3]	349.2	268.4	291.2	14
30412	Rubber and plastics transmission belts and belting, other than flat[3]	526.0	436.5	331.7	2
30413	Rubber hose, mandrel made and all hydraulic[3]	367.8	301.7	310.3	4
30414	Rubber hose, long length nonhydraulic[3]	224.3	221.4	169.4	2
30415	Rubber and plastics garden hose[3]	159.7	107.1	110.4	7
30416	All other rubber and plastics hose, n.e.c.[3]	544.1	444.1	410.4	4
30410	Rubber and plastics hose and belting, n.s.k.	18.3	14.7	15.9	9

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars) 1984	1983	1982	Standard error (percent) for column[1]—
		A	B	C	A
30	**RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS—Con.**				
3069-	**Fabricated rubber products, n.e.c.**	**7 257.4**	**6 504.9**	**5 954.8**	**2**
30693	Sponge, expanded and foam rubber products	614.5	521.3	449.8	4
30694	Rubber floor and wall coverings	380.9	311.5	[r]236.4	9
30696	Shoe products, rubber, elastomer resin	224.7	249.8	265.0	7
30697	Rubber druggist and medical sundries	552.1	528.2	454.2	3
30699	Rubber compounds or mixtures	832.3	682.5	594.1	3
3069A	Molded rubber mechanical goods	1 898.5	1 725.5	[r]1 571.2	3
3069B	Extruded and lathe cut mechanical rubber goods	636.6	513.3	455.0	6
3069C	Industrial rubber products, n.e.c.	780.4	651.7	582.2	4
3069D	Rubber coated fabrics and rubber clothing	340.9	359.3	382.0	5
3069E	Other rubber goods	678.7	650.2	[r]581.6	8
30690	Fabricated rubber products, n.e.c., n.s.k.	317.8	311.5	303.2	12
3079-	**Miscellaneous plastics products**	**48 723.2**	**40 542.6**	**37 557.9**	**2**
30792	Plastics film and sheet, unsupported	8 132.2	6 883.0	6 026.8	2
30794	Plastics piping	1 804.7	1 657.5	1 406.7	4
30795	Plastics bottles	2 475.0	2 203.6	1 921.4	3
30797	Plastics foam products	5 441.3	5 045.4	4 357.9	3
30790	Miscellaneous plastics products, n.s.k.	4 053.6	4 122.2	4 555.7	4
3079J	Molded plastics products, n.e.c.	16 452.8	12 488.3	11 339.6	3
3079K	Miscellaneous plastics products	10 363.8	6 142.8	7 949.9	3
31	**LEATHER AND LEATHER PRODUCTS**				
3111-	**Leather tanning and finishing**	**1 768.9**	**1 841.6**	**1 706.2**	**3**
31116	Finished and unfinished leather	1 522.6	1 520.8	1 400.2	2
31119	Commission tanning or finishing leather	175.4	220.6	231.9	18
31110	Tanned and finished leather, n.s.k.	71.0	100.2	74.2	10
3131-	**Boot and shoe cut stock and findings**	**294.1**	**332.1**	**346.8**	**6**
31310	Footwear cut stock	294.1	332.1	346.8	6
3142-	**House slippers[3]**	**225.2**	**241.3**	**265.3**	**4**
31420	House slippers[3]	225.2	241.3	265.3	4
3143-	**Men's footwear, except athletic**	**2 021.5**	**2 034.4**	**1 971.2**	**2**
31433	Men's work shoes and boots[3]	540.7	544.3	565.5	4
31434	Men's dress and casual boots, except work[3]	446.1	424.4	446.1	3
31435	Men's dress and casual shoes, except athletic[3]	1 003.8	1 037.8	940.0	2
31430	Men's footwear, except athletic, n.s.k.	31.0	27.8	19.6	6
3144-	**Women's footwear, except athletic**	**1 660.1**	**1 979.2**	**1 994.1**	**2**
31445	Women's boots[3]	187.3	240.9	219.2	4
31446	Women's sandals[3]	149.9	215.5	225.9	13
31447	Women's shoes, casual, except sandals[3]	696.1	815.3	860.8	3
31448	Women's dress shoes[3]	586.4	637.9	649.0	2
31440	Women's footwear, except athletic, n.s.k.	38.4	69.6	39.2	23
3149-	**Footwear, except rubber, n.e.c.**	**669.0**	**717.7**	**721.7**	**3**
31491	Youths' and boys' shoes[3]	58.2	81.1	89.2	3
31493	Infants' and babies' shoes[3]	126.8	127.5	121.1	3
31495	Misses' shoes[3]	58.5	64.5	77.3	5
31496	Children's shoes[3]	124.8	135.8	137.3	7
31497	All other footwear, except rubber and slippers[3]	224.9	274.6	257.2	8
31490	Footwear, except rubber, n.e.c., n.s.k.	75.9	34.0	39.7	6
3151-	**Leather gloves and mittens[2 3]**	**145.4**	**129.7**	**138.7**	**8**
31510	Dress and work gloves and mittens, all leather[2 3]	145.4	129.7	138.7	8
3161-	**Luggage**	**717.7**	**675.9**	**647.3**	**4**
31610	Suitcases, briefcases, bags, and musical instrument cases	717.7	675.9	647.3	4
3171-	**Women's handbags and purses**	**483.4**	**507.4**	**524.9**	**7**
31710	Women's and children's handbags and purses	483.4	507.4	524.9	7
3172-	**Personal leather goods, n.e.c.**	**405.2**	**418.8**	**393.1**	**4**
31720	Personal leather goods, except handbags and purses	405.2	418.8	393.1	4
3199-	**Leather goods, n.e.c.**	**309.5**	**304.5**	**305.1**	**6**
31990	Saddlery, harnesses and whips, and other leather products, n.e.c.	309.5	304.5	305.1	6
32	**STONE, CLAY, AND GLASS PRODUCTS**				
3211-	**Flat glass[2]**	**2 472.6**	**2 305.9**	**1 998.4**	**1**
32113	Laminated glass[3]	}	}	}	
32313	Laminated glass, made from purchased glass (also see code 32113)	908.3	807.8	697.2	1
32114	Other flat glass, n.e.c., made from produced glass (also see codes 32317 and 32318)	585.0	488.5	424.6	2
32115	Flat glass[3]	965.0	1 000.2	869.9	1
32110	Flat glass, n.s.k.	14.3	9.4	6.6	1
3221-	**Glass containers**	**4 436.9**	**4 794.1**	**5 143.8**	**1**
32210	Glass containers[3]	4 436.9	4 794.1	5 143.8	1
3229-	**Pressed and blown glass, n.e.c.**	**3 313.8**	**3 084.2**	**2 677.0**	**1**
32291	Table, kitchen, art, and novelty glassware, made from produced glass (also see code 32317)[3]	804.2	818.8	813.0	2
32292	Lighting and electronic glassware, made from produced glass (also see code 32317)[3]	813.9	821.2	700.0	1
32293	Glass fiber[3]	1 247.1	1 030.8	766.2	2
32294	Other pressed and blown glassware, made from produced glass (also see code 32317)[3]	391.4	372.7	356.4	1
32290	Pressed and blown glass, n.e.c., n.s.k.	57.2	40.7	39.4	1
3231-	**Products of purchased glass**	**3 284.4**	**2 834.8**	**2 544.6**	**3**
32315	Mirrors	645.2	545.2	480.1	9
32317	Pressed and blown glassware, made from purchased glass (also see codes 32291, 32292, and 32294)[3]	975.3	770.7	713.8	5
32318	Other glass products, made from purchased glass	1 475.6	1 347.2	1 189.2	4
32310	Products of purchased glass, n.s.k.	188.3	171.6	161.5	9
3241-	**Cement, hydraulic**	**4 022.8**	**3 598.5**	**3 474.4**	**2**
32410	Cement, hydraulic	4 022.8	3 598.5	3 474.4	2

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
32	**STONE, CLAY, AND GLASS PRODUCTS**—Con.				
3251-	**Brick and structural clay tile**	**1 045.7**	**798.4**	**624.4**	**9**
32510	Brick and structural clay tile[3]	1 045.7	798.4	624.4	9
3253-	**Ceramic wall and floor tile**	**497.0**	**423.1**	**366.6**	**9**
32530	Clay floor and wall tile[3]	497.0	423.1	366.6	9
3255-	**Clay refractories**	**722.5**	**694.9**	**628.7**	**6**
32550	Clay refractories[3]	722.5	694.9	628.7	6
3259-	**Structural clay products, n.e.c.**	**133.0**	**130.7**	**124.8**	**10**
32591	Vitrified clay sewer pipe and fittings[3]	80.9	76.8	66.5	8
32592	Other structural clay products, n.e.c.	43.3	48.3	52.9	26
32590	Structural clay products, n.e.c., n.s.k.	8.8	5.7	5.4	1
3261-	**Vitreous plumbing fixtures**	**570.6**	**499.1**	**419.8**	**1**
32610	Vitreous and semivitreous plumbing fixtures, accessories, and fittings[3]	570.6	499.1	419.8	1
3262-	**Vitreous china food utensils**	**217.1**	**201.6**	**204.8**	**1**
32620	Vitreous china and porcelain table and kitchen articles	217.1	201.6	204.8	1
3263-	**Fine earthenware food utensils**	**44.7**	**75.6**	**91.3**	**12**
32630	Fine earthenware food utensils	44.7	75.6	91.3	12
3264-	**Porcelain electrical supplies**	**512.5**	**516.6**	**505.8**	**4**
32640	Porcelain, steatite, and other ceramic electrical products	512.5	516.6	505.8	4
3269-	**Pottery products, n.e.c.**	**479.2**	**434.8**	**450.3**	**5**
32690	Pottery products, n.e.c.	479.2	434.8	450.3	5
3271-	**Concrete block and brick**	**1 456.6**	**1 344.4**	**1 173.2**	**4**
32710	Concrete block and brick	1 456.6	1 344.4	1 173.2	4
3272-	**Concrete products, n.e.c.**	**4 080.1**	**3 621.1**	**3 503.3**	**4**
32721	Concrete pipe	1 143.4	990.9	919.0	7
32722	Precast concrete products	1 584.3	1 357.7	1 349.6	6
32723	Prestressed concrete products	916.0	776.4	741.9	8
32720	Concrete products, n.e.c., n.s.k.	416.3	496.0	492.8	13
3273-	**Ready-mixed concrete**	**8 740.8**	**8 050.6**	**7 544.9**	**2**
32730	Ready-mixed concrete	8 740.8	8 050.6	7 544.9	2
3274-	**Lime**	**566.2**	**551.3**	**517.8**	**3**
32740	Lime (including cost of shipping containers)	566.2	551.3	517.8	3
3275-	**Gypsum products**	**2 032.9**	**1 653.7**	**1 178.2**	**4**
32751	Gypsum building materials	1 926.1	1 532.2	1 076.5	5
32752	Other gypsum products	95.9	103.0	85.8	1
32750	Gypsum products, n.s.k.	11.0	18.6	15.9	44
3281-	**Cut stone and stone products**	**579.8**	**540.5**	**526.2**	**5**
32811	Dressed dimension granite	325.6	304.7	296.0	7
32812	Dressed dimension limestone	52.8	45.1	42.9	16
32813	Dressed dimension marble and other stone	100.3	104.6	96.2	7
32810	Dressed dimension stone and stone products, n.s.k.	101.0	86.1	91.1	11
3291-	**Abrasive products**	**2 907.1**	**2 304.6**	**2 135.7**	**4**
32915	Nonmetallic sized grains, powders, and flour abrasive	540.0	364.6	409.7	12
32916	Nonmetallic abrasive products	708.4	603.8	610.8	10
32917	Nonmetallic coated abrasive products	1 306.5	1 049.3	843.1	5
32918	Metal abrasives, including scouring pads	209.9	185.6	173.9	5
32910	Abrasive products, n.s.k.	142.3	101.3	98.3	4
3292-	**Asbestos products**	**627.1**	**724.2**	**841.0**	**3**
32922	Asbestos friction materials	380.3	302.2	276.5	2
32928	Asphalt and vinyl asbestos floor tile	106.9	128.7	297.3	1
32929	Asbestos textiles, asbestos insulation, and asbestos-cement products	111.1	275.9	246.9	16
32920	Asbestos products, n.s.k.	28.7	17.4	20.3	1
3293-	**Gaskets, packing, and sealing devices**	**1 960.0**	**1 710.8**	**1 663.7**	**3**
32934	Compression packings	66.5	67.3	99.8	7
32935	Nonmetallic gaskets and gasketing	595.2	539.0	469.4	6
32936	Molded packings and seals	575.4	410.0	403.5	7
32937	Metallic gaskets and machined seals	274.5	210.0	225.5	2
32938	Axial mechanical face seals	78.3	99.6	89.8	5
32939	Rotary oil seals	258.1	296.5	275.8	2
32930	Gaskets, packing, and sealing devices, n.s.k.	112.0	88.4	100.0	7
3295-	**Minerals, ground or treated**	**1 190.7**	**1 374.5**	**1 252.9**	**7**
32950	Minerals and earths, ground or otherwise treated	1 190.7	1 374.5	1 252.9	7
3296-	**Mineral wool**	**2 907.9**	**2 452.7**	**2 215.2**	**2**
32963	Mineral wool structural insulation made from fiber produced in same establishment	1 586.1	1 406.8	1 193.0	1
32964	Mineral wool industrial insulation made from fiber produced in same establishment	659.3	570.4	545.7	1
32965	Mineral wool structural insulation made from purchased fiber, not made in same establishment	501.6	375.1	363.0	1
32966	Mineral wool industrial insulation made from purchased fiber, not made in same establishment	119.2	67.1	80.0	27
32960	Mineral wool, n.s.k.	41.7	33.4	33.4	12
3297-	**Nonclay refractories**	**869.2**	**688.0**	**715.8**	**4**
32970	Nonclay refractories, except dead-burned magnesia[3]	869.2	688.0	715.8	4
3299-	**Nonmetallic mineral products, n.e.c.**	**591.0**	**398.0**	**453.8**	**6**
32990	Nonmetallic mineral products, n.e.c.	591.0	398.0	453.8	6

See footnotes at end of table.

Table 1. **Value of Shipments of Product Classes: 1982 to 1984**—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars) 1984	1983	1982	Standard error (percent) for column[1]—
		A	B	C	A
33	**PRIMARY METAL INDUSTRIES**				
3312-	**Blast furnaces and steel mills**	**39 278.2**	**34 827.4**	**35 456.8**	**1**
33121	Coke oven and blast furnace products[2]	1 546.5	1 550.4	1 873.1	1
33122	Steel ingot and semifinished shapes and forms[3]	3 228.2	2 830.0	3 062.0	1
33123	Hot rolled sheet and strip[3]	14 852.4	13 663.1	11 913.5	1
33124	Hot rolled bars and bar shapes[3]	8 768.7	7 555.4	8 199.2	1
33125	Steel wire, produced in steel mills (also see code 33155)[2 3]	482.7	465.0	392.4	2
33126	Steel pipe and tubes, produced in steel mills (also see code 33176)[2 3]	2 141.7	1 624.5	3 561.5	1
33127	Cold rolled steel sheet and strip, produced in steel mills (also see code 33167)[2 3]	6 577.5	5 862.2	5 162.6	1
33128	Cold finished steel bars and bar shapes, produced in steel mills (also see code 33168)[2 3]	687.3	432.7	358.5	11
3312A	Seamless rolled ring ferrous forgings, produced in steel mills (also see code 34627)[2]	(D)	(D)	(D)	(X)
3312B	Open die or smith ferrous forgings, hammer or press, produced in steel mills (also see code 34628)[2]	(D)	(D)	(D)	(X)
3312C	Other steel mill products, except wire products[2 3]	558.6	385.6	395.6	1
33120	Blast furnace and steel mill products, n.s.k.	129.8	148.6	108.5	9
3313-	**Electrometallurgical products[3]**	**862.2**	**697.8**	**728.0**	**3**
33131	Ferromanganese	(D)	(D)	(D)	(X)
33132	Ferrochromium	69.8	52.7	75.1	2
33133	Ferrosilicon	351.8	296.2	243.0	3
33134	Other ferroalloy products produced in electric furnaces	(D)	(D)	(D)	(X)
33130	Electrometallurgical products, n.s.k.	3.6	40.5	43.3	(A)
3315-	**Steel wire and related products[2 3]**	**2 967.2**	**2 811.3**	**2 761.1**	**3**
33151	Noninsulated ferrous wire rope, cable, and strand, produced in wiredrawing plants (also see code 34961)[2 3]	521.1	463.0	522.0	5
33152	Steel nails and spikes, produced in wiredrawing plants (also see code 34967)[2 3]	283.0	273.0	227.8	3
33155	Steel wire, not produced in steel mills (also see code 33125)[2 3]	1 110.4	1 016.5	1 000.6	4
33156	Fencing and fence gates, produced in wiredrawing plants (also see code 34966)[2 3]	307.5	288.6	301.6	4
33157	Ferrous wire cloth and other ferrous woven wire products, produced in wiredrawing plants (also see code 34964)[2 3]	93.3	84.9	68.0	6
33159	Other fabricated ferrous wire products, except springs, produced in wiredrawing plants (also see code 34968)[2 3]	542.1	599.5	547.2	8
33150	Steel wire and related products, n.s.k.	109.7	85.8	93.9	2
3316-	**Cold finishing of steel shapes[2]**	**3 896.9**	**3 631.3**	**2 803.4**	**2**
33167	Cold rolled steel sheet and strip, not produced in steel mills (also see code 33127)[2 3]	2 682.7	2 562.1	1 815.3	3
33168	Cold finished steel bars and bar shapes, not produced in steel mills (also see code 33128)[3]	1 139.0	952.2	905.8	4
33160	Cold finishing of steel shapes, n.s.k.	75.1	117.0	82.4	11
3317-	**Steel pipe and tubes[3]**	**3 447.8**	**2 917.9**	**3 657.1**	**3**
33170	Steel pipe and tubes[3]	3 447.8	2 917.9	3 657.1	2
3321-	**Gray iron castings**	**7 870.3**	**6 467.7**	**6 287.7**	**1**
33211	Ductile iron pressure pipe and fittings[3]	628.1	560.5	541.6	1
33212	Other ductile iron castings[3]	1 445.8	1 140.7	1 113.7	2
33216	Gray iron molds and stools for heavy steel ingots[3]	421.0	389.2	345.8	2
33217	Cast iron pressure pipe and fittings[3]	300.9	225.9	190.5	3
33218	Cast iron soil pipe and fittings, gray iron[3]	239.2	216.8	181.6	2
33219	Other gray iron castings[3]	4 645.6	3 719.2	3 707.9	2
33210	Gray and ductile iron castings, n.s.k.	189.6	215.5	206.6	16
3322-	**Malleable iron castings**	**470.2**	**382.5**	**370.8**	**6**
33221	Standard malleable castings	274.2	250.9	208.0	11
33222	Pearlitic malleable castings	191.0	99.8	150.6	2
33220	Malleable iron castings, n.s.k.	5.0	11.8	12.2	2
3324-	**Steel investment castings[3]**	**1 049.3**	**872.0**	**963.6**	**3**
33240	Steel investment castings[3]	1 049.3	872.0	963.6	3
3325-	**Steel castings, n.e.c.**	**1 782.4**	**1 490.0**	**2 009.7**	**3**
33252	Carbon steel castings, except investment[3]	886.9	748.9	982.0	5
33254	High alloy steel castings, except investment[3]	483.5	342.0	496.0	4
33255	Other alloy steel castings, except investment[3]	361.2	335.6	465.1	3
33250	Steel castings, n.e.c., n.s.k.	50.8	63.5	66.5	10
3331-	**Primary copper**	**2 879.9**	**3 374.6**	**2 978.3**	**1**
33311	Copper smelter products	1 425.0	1 846.7	1 454.8	1
33312	Refined primary copper[2]	1 453.5	1 526.8	1 522.5	1
33310	Primary copper, n.s.k.	1.4	1.1	1.0	1
3333-	**Primary zinc**	**302.1**	**315.6**	**290.2**	**3**
33331	Zinc residues and other zinc smelter products	16.6	27.5	30.2	5
33334	Refined primary zinc and zinc-base alloys[2]	285.5	288.0	249.9	3
33330	Primary zinc, n.s.k.	-	-	-	1
3334-	**Primary aluminum[2]**	**5 587.4**	**5 658.7**	**4 500.6**	**1**
33347	Primary aluminum ingot, excluding billet[3]	4 984.8	5 029.1	4 007.0	1
33348	Primary aluminum extrusion billet[3]	596.9	629.4	492.1	1
33340	Primary aluminum, n.s.k.	5.7	.1	1.5	1
3332-	**Primary lead**	**2 467.1**	**2 601.6**	**2 375.5**	**1**
3339-	**Primary nonferrous metals, n.e.c.**				
33395	Refined precious metals and precious alloys[2]	839.6	1 062.7	921.3	1
33398	Other primary nonferrous metal, n.e.c.[2]	916.4	(D)	761.5	1
33399	Chromium and silicon (unalloyed)[2]	165.1	164.9	116.1	10
33390	Primary nonferrous metals, n.e.c., n.s.k.	62.1	33.5	31.6	5
33321	Lead smelter products	(D)	(D)	(D)	(X)
33323	Refined primary lead[2]	(D)	(D)	(D)	(X)
33320	Primary lead, n.s.k.	(D)	(D)	(D)	(X)
3341-	**Secondary nonferrous metals[2]**	**5 020.3**	**4 628.7**	**4 385.9**	**2**
33412	Secondary copper and copper-base alloys[2]	959.6	901.0	866.5	3
33413	Secondary lead, lead and tin-base alloys[2]	695.6	507.3	589.9	4
33414	Secondary zinc and zinc-base alloys[2]	349.9	230.6	204.3	10
33415	Secondary precious metals and precious metal alloys[2]	882.5	1 210.5	1 156.6	1
33416	Other secondary nonferrous metals and their alloys[2]	243.7	151.6	166.4	10
33417	Secondary aluminum ingot, excluding billet[2]	1 499.6	1 337.4	(D)	3
33418	Secondary aluminum extrusion billet[2]	185.2	143.9	(D)	9
33410	Secondary nonferrous metals, n.s.k.	204.3	146.5	145.8	5

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
33	**PRIMARY METAL INDUSTRIES**—Con.				
3351-	**Copper rolling and drawing**	**3 748.7**	**3 573.1**	**2 941.8**	**2**
33511	Copper and copper-base alloy wire[2]	354.3	390.1	346.4	4
33513	Copper and copper-base alloy rod, bar, and shapes	1 257.6	1 275.3	921.0	3
33514	Copper and copper-base alloy sheet, strip, and plate	969.8	906.8	800.8	1
33515	Copper and copper-base alloy pipe and tube	1 128.8	972.4	845.0	5
33510	Rolled and drawn copper, n.s.k.	38.2	28.4	28.3	1
3353-	**Aluminum sheet, plate, and foil**	**8 506.3**	**7 734.7**	**6 519.7**	**1**
33531	Aluminum plate	466.7	373.2	378.6	1
33532	Aluminum sheet and strip	7 396.9	6 764.0	5 555.5	1
33533	Plain aluminum foil	610.7	563.4	545.1	1
33534	Aluminum welded tube	26.6	22.1	29.8	1
33530	Aluminum sheet, plate, and foil, n.s.k.	5.4	11.9	10.8	1
3354-	**Aluminum extruded products**	**3 625.1**	**2 928.2**	**2 550.5**	**4**
33541	Extruded aluminum rod, bar, and other shapes	3 084.5	2 456.2	2 100.4	4
33542	Aluminum extruded and drawn tube	534.9	449.8	430.1	2
33540	Aluminum extruded products, n.s.k.	5.7	22.2	20.1	(A)
3355-	**Aluminum rolling and drawing, n.e.c.**	**1 261.3**	**1 167.9**	**919.1**	**1**
33551	Aluminum and aluminum-base alloy wire[2]	305.8	293.6	201.5	1
33552	Rolled aluminum rod, bar, and structural shapes	332.8	274.3	285.5	1
33553	Aluminum ingot, except extrusion billet[2]	306.3	259.0	(D)	1
33554	Aluminum extrusion billet[2]	300.7	322.0	(D)	2
33550	Aluminum rolling and drawing, n.e.c., n.s.k.	15.7	19.0	19.0	1
3356-	**Nonferrous rolling and drawing, n.e.c.**	**2 920.5**	**3 150.7**	**3 305.0**	**2**
33561	Nickel and nickel-base alloy mill shapes	625.3	609.9	637.3	1
33562	Titanium mill shapes	530.5	413.5	609.2	7
33563	Precious metal mill shapes	940.8	1 354.6	1 261.6	1
33569	All other nonferrous metal mill shapes[2]	761.0	733.6	757.2	3
33560	Rolled and drawn nonferrous metals, n.e.c., n.s.k.	62.9	39.0	39.7	6
3357-	**Nonferrous wiredrawing and insulating**	**9 426.9**	**8 310.2**	**8 188.1**	**2**
33571	Aluminum and aluminum-base alloy wire and cable, produced in nonferrous wiredrawing plants (also see code 33551)[2]	286.8	255.0	284.9	12
33572	Copper and copper-base alloy wire	563.0	433.1	402.3	2
33573	Other bare nonferrous metal wire[2]	295.1	119.6	116.1	3
33575	Nonferrous wire cloth and other woven wire products, produced in wiredrawing plants (also see code 34965)[2]	35.3	33.3	39.1	2
33576	Apparatus wire and cord and flexible cord sets, produced in wiredrawing plants (also see code 36996)[2 3]	750.7	560.2	477.6	6
33577	Magnet wire[3]	792.6	834.2	747.0	3
33578	Power wire and cable[3]	1 003.7	791.8	854.5	6
33579	Fiber optic cable	365.0	127.6	88.6	1
3357A	Electonic wire and cable[3]	1 606.8	1 295.1	1 304.4	2
3357B	Telephone and telegraph wire and cable[3]	1 629.1	1 704.2	1 815.2	2
3357C	Control and signal wire and cable[3]	181.8	269.9	248.8	5
3357D	Building wire and cable[3]	1 324.9	1 250.9	1 083.6	1
3357E	Other insulated wire and cable, including automotive[3]	569.6	477.0	550.6	5
33570	Nonferrous wiredrawing and insulating, n.s.k.	22.5	158.2	175.4	(A)
3361-	**Aluminum castings**	**4 077.0**	**3 255.0**	**2 810.8**	**3**
33611	Aluminum and aluminum-base alloy die castings[3]	2 051.6	1 701.9	1 414.5	3
33612	Other aluminum and aluminum-base castings[3]	1 871.8	1 405.4	1 256.4	5
33610	Aluminum foundries, n.s.k.	153.6	147.7	140.0	11
3362-	**Brass, bronze, and copper castings[3]**	**819.6**	**703.8**	**714.7**	**7**
33620	Copper and copper-base alloy castings[3]	819.6	703.8	714.7	7
3369-	**Nonferrous castings, n.e.c.**	**1 261.7**	**1 080.6**	**987.0**	**8**
33691	Zinc and zinc-base alloy castings[3]	748.7	653.8	563.1	12
33692	Magnesium and magnesium-base alloy[3]	115.5	93.3	92.4	26
33693	Other nonferrous castings	291.1	242.6	259.1	8
33690	Nonferrous castings, n.e.c., n.s.k.	106.5	70.9	72.4	25
3398-	**Metal heat treating[2]**	**1 358.1**	**1 045.0**	**1 105.9**	**4**
33980	Metal heat treating[2]	1 358.1	1 045.0	1 105.9	4
3399-	**Primary metal products, n.e.c.**	**1 276.0**	**1 081.8**	**958.0**	**7**
33991	Metal powders, paste, and flakes	1 050.0	837.5	799.1	9
33992	Primary metal products, n.e.c.	158.9	238.0	119.9	4
33990	Primary metal products, n.e.c., n.s.k.	67.1	6.3	40.0	5
34	**FABRICATED METAL PRODUCTS**				
3411-	**Metal cans**	**11 920.1**	**10 375.7**	**10 551.9**	**1**
34111	Steel cans and tinware	5 428.1	5 567.6	5 643.7	1
34112	Aluminum cans	5 515.6	4 780.5	4 878.7	1
34110	Metal cans, n.s.k.	76.4	27.6	29.5	1
3412-	**Metal barrels, drums, and pails**	**971.7**	**1 089.1**	**945.8**	**5**
34121	Steel pails[3]	201.6	221.4	207.8	6
34122	Steel shipping barrels and drums (more than 12-gallon capacity)[3]	573.3	550.6	563.2	8
34123	All other metal barrels	151.8	261.9	139.9	7
34120	Metal barrels, drums, and pails, n.s.k.	44.9	35.2	34.9	7
3421-	**Cutlery**	**1 029.1**	**997.5**	**953.8**	**2**
34211	Cutlery, scissors, shears, trimmers, and snips	527.3	522.2	503.5	4
34212	Razor blades and razors, except electric	477.5	456.1	431.2	1
34210	Cutlery, n.s.k.	24.3	19.2	19.1	1
3423-	**Hand and edge tools, n.e.c.**	**2 780.8**	**2 579.4**	**2 598.4**	**4**
34231	Mechanics' hand service tools	1 240.0	1 183.3	1 330.6	4
34232	Edge tools, hand operated	523.9	506.9	470.7	10
34233	Other hand tools, n.e.c.	931.9	781.9	690.5	7
34230	Hand and edge tools, n.e.c., n.s.k.	85.0	107.4	106.6	29
3425-	**Hand saws and saw blades**	**600.0**	**477.5**	**440.9**	**7**
34250	Hand saws, saw blades, and saw accessories	600.0	477.5	440.9	7

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars) 1984	1983	1982	Standard error (percent) for column[1] —
		A	B	C	A
34	**FABRICATED METAL PRODUCTS**—Con.				
3429-	**Hardware, n.e.c.**	**7 356.6**	**6 950.9**	**5 878.9**	**3**
34292	Furniture hardware, excluding cabinet hardware	373.2	346.3	272.0	4
34293	Vacuum and insulated bottles, jugs, and chests	75.0	90.9	120.4	5
34294	Builders' hardware	2 526.5	2 258.1	2 057.2	3
34296	Motor vehicle hardware	2 797.2	2 610.0	1 999.4	2
34297	Other transportation equipment hardware	344.1	331.5	274.2	6
34298	Other hardware, n.e.c.	980.4	757.4	667.5	12
34290	Hardware, n.e.c., n.s.k.	260.1	256.7	266.2	11
3431-	**Metal plumbing fixtures[3]**	**617.6**	**589.9**	**455.9**	**3**
34310	Metal plumbing fixtures[3]	617.6	589.9	455.9	3
3432-	**Plumbing fittings and brass goods**	**1 832.7**	**1 625.3**	**1 325.3**	**2**
34320	Plumbing fittings and brass goods	1 832.7	1 625.3	1 325.3	2
3433-	**Heating equipment, except electric**	**1 957.4**	**1 955.2**	**1 962.3**	**4**
34333	Cast iron heating boilers, radiators, and convectors[3]	283.4	237.2	224.1	2
34334	Domestic heating stoves[3]	302.6	310.1	310.2	8
34335	Steel heating boilers	125.6	90.6	90.9	3
34338	Floor and wall furnaces, unit heaters, infrared heaters, and mechanical stokers[3]	207.2	254.3	272.1	10
34339	Other heating equipment[3]	917.6	891.2	868.2	7
34330	Heating equipment, except electric, n.s.k.	120.9	171.8	176.7	17
3441-	**Fabricated structural metal**	**7 518.7**	**7 163.7**	**7 956.3**	**3**
34411	Fabricated structural metal for buildings	4 392.6	3 993.6	4 588.0	3
34412	Fabricated structural metal for bridges	528.0	436.0	422.8	11
34413	Other fabricated structural metal	2 042.6	1 973.3	2 153.6	4
34410	Fabricated structural metal, n.s.k.	555.4	760.8	792.0	9
3442-	**Metal doors, sash, and trim**	**5 328.1**	**4 982.2**	**4 349.8**	**3**
34421	Metal doors and frames, except storm doors	2 265.0	1 904.6	1 668.6	4
34422	Metal window sash and frames, except storm sash	1 584.6	1 512.8	1 279.6	5
34423	Metal molding and trim and store fronts	304.7	315.2	285.6	7
34424	Metal combination screen, storm sash, and storm doors	658.3	637.9	565.6	9
34425	Metal window and door screens, and weather strip	219.1	202.6	168.6	12
34420	Metal doors, sash, and trim, n.s.k.	295.5	389.2	381.8	22
3443-	**Fabricated plate work (boiler shops)**	**8 473.3**	**8 872.7**	**8 094.5**	**2**
34431	Heat exchangers and steam condensers	866.4	983.9	1 220.5	4
34432	Fabricated steel plate, stacks, and weldments	1 397.0	1 355.0	1 656.9	5
34433	Steel power boilers, parts, and attachments	766.1	841.7	983.1	3
34434	Gas cylinders	225.0	245.9	221.5	4
34435	Complete metal tanks, standard, pressure	413.5	387.6	446.7	5
34436	Nuclear reactor steam supply systems	536.2	722.4	634.4	2
34437	Complete metal tanks, standard, nonpressure	532.4	514.4	603.1	9
34438	Metal tanks and vessels, custom made at factory	864.9	768.9	1 167.2	6
34439	Metal tanks and vessels, custom made, field erected	345.3	356.0	452.4	6
34430	Fabricated platework, boilershops, n.s.k.	532.6	696.9	731.6	11
3444-	**Sheet metal work**	**7 225.5**	**6 686.5**	**6 572.6**	**3**
34442	Culverts, flumes, irrigation pipes	454.2	369.1	396.3	3
34444	Metal roofing and roof drainage equipment	668.5	732.7	655.5	3
34445	Metal flooring and siding	1 119.3	975.2	950.7	5
34446	Other sheet metal work	4 109.6	3 508.1	3 466.7	3
34440	Sheet metal work, n.s.k.	874.0	1 101.5	1 103.4	10
3446-	**Architectural and ornamental metal work**	**1 668.5**	**1 572.3**	**1 422.0**	**4**
34460	Architectural and ornamental metal work	1 668.5	1 572.3	1 422.0	4
3448-	**Prefabricated metal buildings**	**2 217.0**	**2 135.9**	**2 215.1**	**4**
34481	Prefabricated metal building systems, excluding farm and residential	1 554.0	1 439.8	1 385.6	6
34482	Other prefabricated and portable metal buildings and parts	547.0	572.8	709.8	7
34480	Prefabricated metal buildings, n.s.k.	116.1	123.3	119.8	10
3449-	**Miscellaneous metal work**	**2 662.2**	**2 464.3**	**2 489.9**	**5**
34494	Fabricated bar joists and concrete reinforcing bars	1 187.4	1 151.2	1 231.3	4
34496	Metal plaster bases	233.3	258.9	167.5	11
34497	Curtain wall	368.9	322.2	395.0	3
34498	Custom roll formed products	639.8	637.2	599.2	12
34490	Miscellaneous metal work, n.s.k.	32.8	94.8	96.8	79
3451-	**Screw machine products**	**2 840.7**	**2 292.0**	**2 159.7**	**4**
34511	Automotive screw machine products	1 128.3	829.8	686.7	7
34512	Other screw machine products	1 624.6	1 258.1	1 245.3	4
34510	Screw machine products, n.s.k.	87.7	204.1	227.8	38
3452-	**Bolts, nuts, rivets, and washers**	**4 290.0**	**3 655.7**	**3 401.0**	**3**
34524	Externally threaded fasteners, except aircraft	1 798.1	1 505.1	1 451.0	5
34525	Internally threaded fasteners, except aircraft	561.4	484.0	408.6	6
34526	Nonthreaded fasteners, except aircraft	754.3	660.9	526.2	7
34527	Aircraft aerospace fasteners	579.0	487.7	516.7	3
34528	Other formed parts, made on fastener machines	475.5	377.1	329.9	9
34520	Bolts, nuts, rivets, and washers, n.s.k.	121.8	140.9	168.5	14
3462-	**Iron and steel forgings**	**3 175.1**	**2 708.9**	**3 161.3**	**2**
34625	Hot impression die impact, press, and upset steel forgings	2 347.0	1 964.3	2 265.5	2
34626	Cold impression die impact, press, and upset steel forgings	277.4	239.9	219.8	3
34627	Seamless rolled ring forgings, ferrous, made in plants not producing steel (also see code 3312A)[2]	468.8	415.1	591.9	3
34628	Open die or smith forgings, hammer or press, ferrous, made in plants not producing steel (also see code 3312B)[2]				
34620	Iron and steel forgings, n.s.k.	81.9	87.6	84.1	6
3463-	**Nonferrous forgings**	**1 242.1**	**1 187.3**	**1 210.9**	**3**
34635	Hot impression die impact, press, and upset nonferrous forgings	1 061.0	979.3	1 011.2	3
34639	Other nonferrous forgings	179.1	202.4	193.7	5
34630	Nonferrous forgings, n.s.k.	2.0	5.5	6.0	82
3465-	**Automotive stampings**	**14 695.6**	**11 467.4**	**9 041.2**	**1**
34650	Automotive job stampings	14 695.6	11 467.4	9 041.2	1
3466-	**Crowns and closures**	**798.9**	**811.0**	**790.2**	**5**
34661	Metal commercial closures and metal home canning closures[3]	639.1	642.3	627.1	3
34662	Metal crowns[3]	141.5	154.8	145.0	1
34660	Crowns and closures, n.s.k.	19.2	13.9	18.1	1

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
34	**FABRICATED METAL PRODUCTS**—Con.				
3488-	**Metal stampings, n.e.c.**	**7 942.8**	**7 000.5**	**6 172.3**	**3**
34892	Job stampings, except automotive	4 010.2	3 279.2	2 908.9	3
34894	Stamped and spun cooking utensils, aluminum	575.2	585.9	508.2	6
34895	Stamped and spun cooking utensils, except aluminum	419.6	397.7	367.7	4
34899	Other stamped and pressed metal end products	2 490.1	2 013.1	1 584.8	6
34890	Metal stampings, n.e.c., n.s.k.	447.7	724.6	802.6	17
3471-	**Plating and polishing[2]**	**3 385.6**	**2 807.8**	**2 680.3**	**3**
34710	Electroplating, plating, and polishing[2]	3 385.6	2 807.8	2 680.3	3
3479-	**Metal coating and allied services[2]**	**3 014.4**	**2 402.2**	**2 405.2**	**4**
34790	Coating, engraving, and allied services[2]	3 014.4	2 402.2	2 405.2	4
3482-	**Small arms ammunition**	**714.2**	**666.7**	**696.5**	**3**
34820	Small arms ammunition, 30 mm. or less	714.2	666.7	696.5	3
3483-	**Ammunition, except for small arms, n.e.c.**	**1 576.9**	**1 538.3**	**1 359.0**	**1**
34831	Artillery ammunition more than 30 mm.	724.5	764.4	678.8	2
34833	Ammunition, except small arms, n.e.c.	845.7	768.0	674.2	1
34830	Ammunition, except small arms, n.e.c., n.s.k.	6.7	6.0	6.0	1
3484-	**Small arms**	**943.2**	**798.1**	**898.1**	**3**
34841	Machine guns, 30 mm. or less	921.3	780.3	879.4	3
34842	Small arms, 30 mm. or less				
34840	Small arms, n.s.k.	21.9	17.8	18.7	9
3489-	**Ordnance and accessories, n.e.c.**	**1 101.1**	**975.6**	**1 016.0**	**5**
34891	Guns, howitzers, mortars, and related equipment, more than 30 mm.	251.7	175.7	138.9	8
34892	Ordnance and accessories, n.e.c.	844.9	793.6	870.8	6
34890	Ordnance and accessories, n.e.c., n.s.k.	4.5	6.3	6.2	6
3493-	**Steel springs, except wire**	**654.6**	**589.2**	**511.3**	**4**
34931	Hot formed springs	497.6	448.8	395.8	3
34932	Cold formed springs	129.2	99.5	94.8	14
34930	Steel springs, except wire, n.s.k.	27.8	20.9	20.8	12
3494-	**Valves and pipe fittings**	**9 026.2**	**7 991.6**	**8 705.1**	**2**
34944	Plumbing and heating valves and specialties	426.1	244.5	220.2	3
34945	Metal fittings, flanges, and unions for piping systems	1 675.1	1 345.4	1 491.2	4
34947	Automatic regulating and control valves[3]	1 233.6	1 264.1	1 233.0	5
34948	Solenoid valves[3]	274.8	235.9	206.1	7
34949	Nuclear valves	110.2	138.9	152.0	10
3494A	Industrial valves	2 725.1	2 583.9	3 273.5	3
3494B	Hydraulic valves, except aerospace type[3]	526.7	466.4	435.3	5
3494C	Pneumatic valves, except aerospace type[3]	450.5	366.3	339.2	6
3494D	Aerospace type hydraulic and pneumatic valves[3]	259.8	298.9	262.2	13
3494E	Fittings for metal and plastics tubing used in fluid power systems, except aerospace type[3]	421.6	277.6	302.7	8
3494F	Hydraulic and pneumatic hose or tube end fittings and assemblies, except aerospace type[3]	398.6	367.4	319.7	4
3494G	Aerospace type hydraulic and pneumatic hose or tube end fittings[3]	177.6	120.5	119.0	19
3494H	Parts for fluid power valves[3]	90.7	77.8	101.0	8
34940	Valves and pipe fittings, n.s.k.	255.8	204.0	250.0	8
3495-	**Wire springs**	**1 405.5**	**1 210.4**	**1 064.2**	**4**
34952	Precision mechanical springs	668.7	537.3	480.7	7
34953	Other wire springs	669.1	625.3	534.8	4
34950	Wire springs, n.s.k.	67.7	47.8	48.7	6
3496-	**Miscellaneous fabricated wire products[2]**	**2 695.4**	**2 559.4**	**2 335.1**	**3**
34961	Noninsulated ferrous wire rope, cable, etc., not produced by wiredrawers (also see code 33151)[2]	482.7	494.5	391.4	9
34964	Ferrous wire cloth and other woven wire products, not produced by wiredrawers (also see code 33157)[2]	192.1	160.4	204.4	8
34965	Nonferrous wire cloth and other woven wire products, not produced by wiredrawers (also see code 33575)[2]	84.2	85.4	81.6	20
34966	Fence and fence gates, not produced by wiredrawers (also see code 33156)[2]	122.9	150.1	145.1	3
34967	Steel nails and spikes, not made by wiredrawers (also see code 33152)[2]	231.0	243.1	206.6	9
34968	Other fabricated wire products, not produced by wiredrawers (also see code 33159)[2]	1 420.9	1 222.1	1 069.6	4
34960	Miscellaneous fabricated wire products, n.s.k.	161.6	203.7	216.5	7
3497-	**Metal foil and leaf**	**2 080.1**	**1 797.4**	**1 758.0**	**4**
34971	Converted unmounted aluminum foil packaging products	730.1	622.8	654.5	2
34972	Laminated aluminum foil flexible packaging	897.0	800.4	775.5	7
34973	Converted foil for nonpackaging applications	394.9	370.4	324.4	7
34970	Metal leaf and foil, n.s.k.	38.1	3.7	3.6	1
3498-	**Fabricated pipe and fittings**	**2 609.5**	**2 708.2**	**3 035.3**	**3**
34980	Fabricated pipe and pipe fittings	2 609.5	2 708.2	3 035.3	3
3499-	**Fabricated metal products, n.e.c.**	**5 080.7**	**4 127.5**	**4 210.9**	**4**
34991	Safes and vaults	277.5	261.6	282.6	8
34992	Collapsible tubes	111.1	99.7	84.7	7
34993	Flat metal strapping	381.1	315.8	271.6	5
34995	Metal ladders	200.6	188.0	152.0	6
34996	Powder metallurgy parts	556.1	410.9	441.3	5
34998	All other fabricated metal products, n.e.c.	3 141.3	2 331.5	2 277.1	5
34990	Fabricated metal products, n.e.c., n.s.k.	413.1	519.9	701.5	15

See footnotes at end of table.

Table 1. **Value of Shipments of Product Classes: 1982 to 1984**—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
35	**MACHINERY, EXCEPT ELECTRICAL**				
3511-	**Turbines and turbine generator sets**	**3 608.0**	**3 636.4**	**3 882.3**	**1**
35111	Steam, gas, and hydraulic turbine generator sets	850.1	740.6	786.5	1
35112	Steam, gas, and hydraulic turbines and parts	2 726.3	2 859.5	2 846.9	1
35110	Turbines and turbine generator sets, n.s.k.	31.6	36.3	29.9	12
3519-	**Internal combustion engines, n.e.c.**	**11 254.4**	**8 812.8**	**8 972.4**	**1**
35191	Gasoline and gas-gasoline engines[3]	1 149.9	930.5	1 001.8	1
35193	Diesel, semidiesel, and dual fuel engines, nonautomotive[3]	1 458.0	1 167.4	1 548.2	1
35194	Diesel, semidiesel, and dual fuel engines, automotive[3]	2 910.6	1 891.5	1 715.6	1
35195	Outboard motors	(D)	(D)	(D)	(X)
35196	Gas engines, except gas turbines[3]	73.3	53.8	99.6	9
35197	Tank and converted internal combustion engines	(D)	(D)	(D)	(X)
35199	Parts for internal combustion engines	4 202.6	3 277.9	3 405.7	3
35190	Internal combustion engines, n.s.k.	75.0	56.7	58.2	9
3523-	**Farm machinery and equipment**	**9 219.5**	**8 542.8**	**10 370.0**	**1**
35231	Wheel tractors and attachments[3]	2 125.4	1 876.0	2 321.9	1
35232	Dairy equipment, sprayers, elevators, and blowers[3]	320.6	362.1	382.2	11
35233	Planting, seeding, and fertilizing machinery[3]	530.2	383.9	566.5	6
35234	Harrows, rollers, pulverizers, stalk cutters[3]	297.8	257.8	296.7	7
35235	Harvesting machinery, except for hay and straw[3]	1 187.0	1 247.6	1 854.1	2
35236	Haying machinery[3]	486.2	413.5	444.8	2
35237	Plows and listers[3]	116.1	105.3	125.9	5
35238	All other farm machinery and equipment[3]	1 066.5	1 092.2	1 156.3	2
35239	Parts for farm machinery[3]	2 105.2	1 889.6	2 327.6	2
3523A	Commercial turf and grounds mowing equipment[3]	273.7	225.6	203.0	7
3523B	Other commercial turf and grounds care equipment[3]	49.6	36.5	35.2	8
35230	Farm machinery and equipment, n.s.k.	661.1	652.6	653.7	3
3524-	**Lawn and garden equipment**	**2 977.3**	**2 584.5**	**2 385.2**	**1**
35241	Consumer nonriding lawn and garden equipment[3]	1 385.9	1 230.3	1 167.5	2
35243	Parts for consumer nonriding lawn and garden quipment[3]	161.4	217.1	148.4	3
35244	Consumer riding lawn and garden equipment[3]	1 030.5	848.7	765.2	1
35245	Parts for consumer riding lawn and garden equipment[3]	327.8	233.1	250.9	3
35240	Lawn and garden equipment, n.s.k.	71.7	55.4	53.3	3
3531-	**Construction machinery**	**11 822.7**	**9 557.2**	**10 648.3**	**1**
35311	Contractors' off-highway wheel tractors[3]	421.9	293.1	266.8	6
35312	Tracklaying type tractors[3]	768.0	670.5	804.8	1
35313	Parts for tractors and tractor shovel loaders	2 006.2	1 497.4	1 721.0	1
35314	Power cranes, draglines, shovels[3]	1 530.7	1 554.2	1 940.3	3
35316	Mixers, pavers, and related equipment[3]	450.6	352.2	307.0	4
35317	Tractor shovel loaders[3]	1 794.5	1 488.1	1 248.4	2
35318	Scrapers, graders, rollers, and off-highway trucks[3]	1 892.3	1 203.3	1 365.5	2
35319	Construction machinery, n.e.c.[3]	2 604.3	2 173.1	2 677.9	3
35310	Construction machinery, n.s.k.	354.1	325.2	316.6	4
3532-	**Mining machinery**	**1 578.0**	**1 354.1**	**1 936.3**	**3**
35325	Underground mining machinery[3]	306.8	186.6	448.6	8
35326	Mineral beneficiation machinery[3]	59.5	63.3	91.3	11
35327	Crushing, pulverizing, and screening machinery[3]	133.9	132.6	182.4	5
35328	Drills and other mining machinery, n.e.c.[3]	115.6	85.1	129.9	5
35329	Parts and attachments for mining machinery	890.0	782.5	983.8	4
35320	Mining machinery, n.s.k.	72.3	103.9	100.4	35
3533-	**Oil field machinery**	**4 854.5**	**5 567.4**	**9 514.1**	**2**
35331	Rotary drilling equipment	1 714.2	1 795.2	3 803.6	2
35332	Other drilling equipment	432.5	532.9	832.4	4
35333	Oil field and gas field production machinery	1 882.7	1 975.9	3 035.2	3
35335	Portable drilling rigs[3]	238.5	251.3	532.3	6
35336	Derricks and well surveying machinery	259.4	546.9	737.2	2
35330	Oil field machinery, n.s.k.	327.3	565.2	573.4	7
3534-	**Elevators and moving stairways**	**1 104.4**	**1 025.9**	**1 019.7**	**3**
35341	Elevators and moving stairways	806.8	748.8	747.3	3
35342	Parts for elevators and moving stairways	212.4	195.0	187.4	4
35340	Elevators and moving stairways, n.s.k.	85.2	82.1	84.9	4
3535-	**Conveyors and conveying equipment**	**2 452.2**	**2 193.7**	**2 570.7**	**3**
35353	Unit handling conveyors	959.6	888.8	994.2	4
35354	Parts for unit handling conveyors	151.9	107.3	107.4	17
35355	Bulk material handling conveyors	811.0	763.9	953.4	4
35356	Parts for bulk material handling conveyors	323.5	243.6	294.7	6
35350	Conveyors and conveying equipment, n.s.k.	206.2	190.2	221.0	7
3536-	**Hoists, cranes, and monorails**	**858.4**	**861.1**	**1 086.9**	**6**
35361	Hoists[3]	401.2	396.1	434.5	6
35362	Overhead traveling cranes and monorails	372.9	381.8	562.6	11
35360	Hoists, cranes, and monorails, n.s.k.	84.3	83.2	89.8	9
3537-	**Industrial trucks and tractors**	**2 268.8**	**1 784.7**	**1 917.5**	**3**
35371	Industrial trucks and tractors	1 587.0	1 188.7	1 353.9	3
35372	Parts for industrial trucks and tractors	537.3	411.8	399.8	4
35370	Industrial trucks and tractors, n.s.k.	144.6	184.2	163.8	18
3541-	**Machine tools, metal cutting types**	**2 815.0**	**2 544.9**	**4 154.7**	**2**
35411	Boring machines[3]	102.7	103.2	198.7	4
35412	Drilling machines[3]	40.1	36.2	67.3	11
35413	Gear cutting machines[3]	41.6	40.3	87.3	1
35414	Grinding, polishing, honing, and lapping machines[3]	378.3	331.6	515.3	9
35415	Lathes[3]	300.6	306.5	523.6	3
35416	Milling machines[3]	184.6	145.4	264.5	4
3541A	Machining centers[3]	215.3	184.5	365.7	2
3541B	Station type machines[3]	330.3	271.9	735.4	2
3541C	Metal cutting machine tools, n.e.c.[3]	162.2	181.4	250.6	10
35418	Machine tools for home workshops	94.9	71.9	85.7	13
35419	Parts for metal cutting machine tools	794.6	694.6	891.9	4
35410	Machine tools, metal cutting types, n.s.k.	169.8	177.5	168.7	1

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
35	**MACHINERY, EXCEPT ELECTRICAL**—Con.				
3542-	**Machine tools, metal forming types**	**1 362.6**	**1 119.2**	**1 383.9**	**3**
35421	Punching, shearing, bending, and forming machines[3]	355.4	242.3	317.3	8
35422	Presses, except forging[3]	247.7	176.5	369.2	3
35423	Metal forming machine tools, n.e.c.[3]	178.4	168.9	217.0	7
35424	Parts for metal forming machines	482.7	430.7	380.0	5
35420	Machine tools, metal forming types, n.s.k.	98.4	100.8	100.5	7
3544-	**Special dies, tools, jigs, and fixtures**	**7 561.4**	**6 113.3**	**6 099.3**	**3**
35441	Special dies and tools, die sets, jigs, and fixtures	4 343.5	3 410.2	3 425.9	3
35442	Industrial molds	2 248.3	1 817.5	1 800.6	4
35440	Special dies, tools, jigs, and fixtures, n.s.k.	969.6	885.6	872.8	7
3545-	**Machine tool accessories**	**3 376.8**	**2 652.4**	**3 069.1**	**3**
35451	Small cutting tools for machine tools	1 982.0	1 485.3	1 755.7	4
35452	Precision measuring tools	456.7	343.8	402.7	12
35453	Machine tool accessories, n.e.c.	670.7	524.6	593.6	5
35450	Machine tool accessories, n.s.k.	267.4	298.7	317.1	15
3546-	**Power driven hand tools**	**1 824.1**	**1 591.3**	**1 594.8**	**1**
35461	Electric, including battery powered	906.5	829.6	829.9	1
35462	Pneumatic, hydraulic, and powder-actuated	485.3	389.6	382.4	4
35463	Engine (internal combustion) driven	350.1	318.2	326.5	1
35460	Power driven hand tools, n.s.k.	82.1	54.0	56.0	4
3547-	**Rolling mill machinery**	**273.0**	**339.9**	**445.1**	**3**
35471	Hot rolling mill machinery, except tube rolling	84.7	147.1	180.5	1
35472	Cold rolling mill machinery	65.4	73.4	65.1	7
35473	Rolling mill machinery, n.e.c.	109.7	107.0	188.2	4
35470	Rolling mill machinery, n.s.k.	13.3	12.4	11.4	1
3548-	**Metalworking machinery, n.e.c.**	**1 531.7**	**1 250.1**	**1 376.9**	**3**
35492	Assembly machines	397.0	242.7	367.6	4
35494	Automotive maintenance equipment, except hand tools	285.4	226.4	200.3	6
35495	Metalworking machinery, n.e.c.	313.8	322.9	330.3	6
35496	Gas cutting and welding equipment	230.6	223.8	226.6	1
35497	Other welding equipment	184.7	140.8	152.7	6
35490	Metalworking machinery, n.e.c., n.s.k.	120.3	93.5	99.5	15
3551-	**Food products machinery**	**2 097.1**	**2 145.6**	**2 159.8**	**4**
35511	Dairy and milk products plant machinery	209.7	166.7	176.4	10
35512	Commercial food products machinery	469.3	495.7	479.7	7
35513	Industrial food products machinery	587.3	565.2	620.1	5
35514	Packing, packaging, and bottling machinery	685.1	745.7	725.2	7
35510	Food products machinery, n.s.k.	145.7	172.2	158.5	14
3552-	**Textile machinery**	**980.0**	**948.5**	**965.5**	**3**
35521	Textile machinery	407.3	414.1	454.3	5
35522	Parts and attachments for textile machinery	466.8	409.8	390.0	4
35520	Textile machinery, n.s.k.	105.9	124.5	121.3	13
3553-	**Woodworking machinery**	**701.2**	**739.2**	**656.7**	**7**
35531	Woodworking machinery, except for home workshop	337.4	356.8	327.5	14
35532	Woodworking machinery for home workshop	295.7	310.5	262.6	1
35530	Woodworking machinery, n.s.k.	68.1	71.9	66.5	14
3554-	**Paper industries machinery**	**1 130.0**	**1 021.4**	**1 199.0**	**3**
35541	Paper industries machinery	773.8	723.4	853.5	3
35542	Parts for paper industries machinery	292.2	247.8	276.1	4
35540	Paper industries machinery, n.s.k.	64.1	50.3	69.4	12
3555-	**Printing trades machinery**	**2 416.5**	**2 319.6**	**2 188.2**	**2**
35551	Printing presses, lithographic	571.1	595.2	665.0	2
35552	Printing presses, other than lithographic	135.4	174.9	148.9	13
35553	Typesetting machinery	425.4	380.5	303.4	2
35556	Binding machinery and equipment	144.5	161.9	171.6	6
35557	Printing trades machinery, n.e.c.	1 005.2	880.0	783.4	4
35550	Printing trades machinery, n.s.k.	134.9	127.2	116.0	4
3559-	**Special industry machinery, n.e.c.**	**6 058.4**	**5 082.5**	**5 353.7**	**2**
35591	Chemical manufacturing machinery	555.2	562.5	641.3	5
35592	Foundry machinery	193.1	169.1	260.0	8
35593	Plastics-working machinery	956.3	761.2	785.7	6
35594	Rubber-working machinery	148.9	179.1	187.0	7
35595	Special industry machinery, n.e.c.	3 738.3	2 888.9	2 933.5	2
35590	Special industry machinery, n.e.c., n.s.k.	466.7	521.7	546.2	7
3561-	**Pumps and pumping equipment**	**5 060.7**	**4 703.8**	**5 723.1**	**2**
35611	Industrial pumps, except fluid power pumps[3]	1 681.4	1 686.3	1 916.9	3
35613	Domestic water systems[3]	306.3	240.2	215.5	9
35615	Pumps, n.e.c.[3]	674.6	589.8	1 048.2	5
35617	Fluid power pumps, except aerospace[3]	818.0	661.3	648.5	3
35618	Aerospace fluid power pumps[3]	103.1	91.4	81.3	15
3561A	Parts for fluid power pumps, except aerospace[3]	156.4	156.6	218.6	5
3561B	Parts for aerospace fluid power pumps[3]	47.6	24.7	103.8	14
3561C	Parts for pumps, except fluid power[3]	1 016.2	1 077.1	1 298.9	3
35610	Pumps and compressors, n.s.k.	257.1	176.5	191.4	15
3562-	**Ball and roller bearings**	**3 697.5**	**2 777.9**	**2 973.1**	**2**
35621	Ball bearings, unmounted[3]	1 356.3	1 066.7	1 087.1	3
35622	Tapered roller bearings, unmounted[3]	882.0	615.3	710.9	1
35623	Roller bearings, except tapered, unmounted[3]	691.8	551.3	614.1	1
35624	Mounted bearings, except plain[3]	321.7	240.0	241.7	8
35629	Parts for ball and roller bearings[3]	421.4	282.6	298.4	6
35620	Ball and roller bearings, n.s.k.	24.3	21.9	20.9	23
3563-	**Air and gas compressors**	**2 863.6**	**2 428.6**	**2 846.2**	**2**
35631	Air and gas compressors and vacuum pumps[3]	1 497.0	1 260.4	1 677.1	3
35632	Parts for air and gas compressors	578.6	605.5	652.7	4
35635	Industrial spraying equipment	727.8	483.8	442.0	3
35630	Air and gas compressors, n.s.k.	60.2	78.8	74.4	13

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars) 1984	1983	1982	Standard error (percent) for column[1]—
		A	B	C	A
35	**MACHINERY, EXCEPT ELECTRICAL**—Con.				
3564-	**Blowers and fans**	**1 874.7**	**1 876.4**	**1 994.5**	**5**
35643	Centrifugal fans and blowers	478.1	460.9	556.9	9
35644	Propeller and axial fans, and power roof ventilators	445.2	448.5	464.8	10
35645	Air purification equipment for environmental systems	444.2	426.2	425.5	11
35646	Air purification equipment for industrial gases[2]	404.7	419.3	425.6	4
35640	Blowers and fans, n.s.k.	102.5	121.5	121.7	10
3565-	**Industrial patterns**	**510.4**	**493.6**	**561.5**	**22**
35650	Industrial patterns, except shoe patterns	510.4	493.6	561.5	22
3566-	**Speed changers, drives, and gears**	**1 426.7**	**1 298.6**	**1 557.4**	**4**
35660	Speed changers, drives, and gears	1 426.7	1 298.6	1 557.4	4
3567-	**Industrial furnaces and ovens**	**1 154.1**	**888.8**	**1 028.8**	**7**
35671	Electric industrial furnaces, ovens, and kilns	342.0	244.4	295.2	4
35672	Fuel-fired industrial furnaces, ovens, and kilns	232.4	175.5	248.6	22
35674	High frequency induction and dielectric heating equipment	109.3	104.3	131.9	7
35675	Electrical heating equipment for industrial use, n.e.c.	376.9	301.8	289.1	15
35670	Industrials furnaces and ovens, n.s.k.	93.5	62.8	62.0	18
3568-	**Power transmission equipment, n.e.c.**	**2 244.6**	**1 703.2**	**1 985.6**	**4**
35681	Plain bearings and bushings	433.0	332.9	385.0	12
35683	Mechanical power transmission equipment, n.e.c.	1 760.3	1 328.9	1 556.3	4
35680	Power transmission equipment, n.e.c., n.s.k.	51.4	41.4	44.3	13
3569-	**General industrial machinery, n.e.c.**	**4 570.0**	**4 156.9**	**4 410.7**	**2**
35691	Packing, packaging, and bottling machinery	1 026.6	895.1	885.2	3
35693	Filters and strainers, except fluid power	1 119.8	965.8	1 137.4	4
35694	Filters for hydraulic fluid power systems, excluding aircraft type[3]	151.3	121.2	114.5	28
35695	Filters for pneumatic fluid power systems, excluding aircraft type[3]	57.0	64.0	60.2	2
35696	Filters for aircraft fluid power (hydraulic and pneumatic) systems[3]	28.6	41.6	41.0	7
35699	General industrial machinery, n.e.c.	1 697.5	1 572.2	1 680.4	3
35690	General industrial machinery, n.e.c., n.s.k.	489.2	496.9	492.0	6
3573-	**Electronic computing equipment**	**49 275.0**	**39 528.7**	**34 750.7**	**1**
35731	Electronic computers[3]	16 956.7	12 420.4	10 927.6	1
35732	Peripheral equipment for computers[3]	19 542.7	16 948.0	14 662.4	1
35734	Parts produced by complete machine manufacturers[3]	10 204.9	7 547.2	6 974.0	1
35735	Parts produced by others	1 478.5	1 444.5	1 327.8	6
35730	Electronic computing equipment, n.s.k.	1 092.2	1 168.6	858.9	4
3574-	**Calculating and accounting machines**	**1 447.9**	**1 385.6**	**1 397.6**	**2**
35743	Accounting machines and cash registers[3]	1 120.6	1 025.5	952.6	2
35744	Calculators and adding machines[3]	168.2	204.1	250.5	4
35745	Parts for calculating and accounting machines[3]	147.4	141.9	182.0	9
35740	Calculating and accounting machines, n.s.k.	11.6	14.1	12.6	13
3576-	**Scales and balances, except laboratory**	**557.7**	**585.2**	**545.2**	**3**
35760	Scales and balances, except laboratory	557.7	585.2	545.2	3
3579-	**Office machines, n.e.c., and typewriters[2 3]**	**3 839.9**	**3 712.8**	**3 51...3**	**1**
35792	Automatic typing and word processing[3]	1 872.0	1 628.8	1 491.5	1
35793	Duplicating[3]	202.7	173.3	158.8	2
35795	Mailing, letter handling, and addressing[3]	536.1	521.9	387.8	3
35799	Standard typewriters and office machines, n.e.c.[3]	913.9	967.1	1 122.6	1
3579A	Parts for office machines, n.e.c.[3]	231.6	333.6	306.7	2
35790	Office machines, n.e.c.	83.6	88.0	44.9	4
3581-	**Automatic merchandising machines**	**557.2**	**550.8**	**445.7**	**5**
35811	Automatic merchandising machines[3]	391.1	383.2	334.1	6
35812	Parts for automatic merchandising machines	143.0	152.0	96.2	8
35810	Automatic merchandise machines, n.s.k.	23.1	15.6	15.5	19
3582-	**Commercial laundry equipment**	**369.2**	**344.6**	**338.7**	**7**
35820	Commercial laundry equipment	369.2	344.6	338.7	7
3585-	**Refrigeration and heating equipment**	**14 439.8**	**12 063.8**	**11 035.6**	**1**
35851	Heat transfer equipment[3]	3 552.5	3 213.3	2 908.0	2
35852	Unitary air conditioners[3]	3 080.9	2 506.4	1 972.1	2
35853	Commercial refrigerators	1 489.9	1 259.6	1 070.8	4
35854	Compressors and compressor units[3]	2 257.4	2 065.1	1 734.7	1
35855	Refrigeration condensing units[3]	223.5	238.8	196.9	4
35856	Room air conditioners and dehumidifiers[3]	970.9	609.3	897.5	1
35859	Refrigeration and air conditioning equipment, n.e.c.	609.2	392.9	428.9	6
3585A	Warm air furnaces and humidifiers[3]	710.0	563.9	426.3	2
3585B	Parts for refrigeration and heating equipment	1 285.6	891.7	871.9	4
35850	Refrigeration and heating equipment, n.s.k.	260.0	322.8	528.5	3
3586-	**Measuring and dispensing pumps**	**743.4**	**577.5**	**590.7**	**9**
35860	Measuring and dispensing pumps	743.4	577.5	590.7	9
3589-	**Service industry machinery, n.e.c.**	**2 885.1**	**2 538.9**	**2 550.4**	**3**
35891	Commercial cooking and food warming equipment	803.9	641.4	609.0	3
35892	Service industry machines and parts	1 605.0	1 446.8	1 568.4	4
35893	Commercial and industrial vacuum cleaners	263.5	247.5	192.9	3
35890	Service industry machinery, n.e.c., n.s.k.	212.8	203.2	180.1	11
3592-	**Carburetors, pistons, rings, and valves**	**2 564.7**	**2 179.8**	**1 908.1**	**2**
35921	Carburetors, new and rebuilt	1 514.8	1 349.4	1 028.7	1
35922	Pistons, piston rings, and piston pins (engine)	701.8	525.8	494.2	7
35923	Valves (engine intake and exhaust)	261.2	241.5	325.1	3
35920	Carburetors, pistons, rings, and valves, n.s.k.	87.0	63.1	60.1	8
3599-	**Machinery, except electrical, n.e.c.**	**12 872.3**	**11 747.2**	**11 667.8**	**3**
35994	Miscellaneous machinery products	1 814.2	1 659.2	1 582.4	7
35995	Receipts for machine shop job work	6 673.3	5 434.2	5 594.5	3
35996	Hydraulic and pneumatic cylinders, except aerospace[3]	539.2	518.6	552.9	8
35997	Hydraulic and pneumatic rotary actuators, accumulators, etc.[3]	77.3	67.3	87.9	11
35998	Aerospace type hydraulic and pneumatic cylinders and related items[3]	331.7	351.8	310.1	9
35999	Parts for hydraulic and pneumatic cylinders, etc.[3]	136.4	112.8	144.9	7
35990	Machinery, except electrical, n.e.c., n.s.k.	3 300.2	3 603.3	3 425.1	6

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**				
3612-	**Transformers**	**2 964.5**	**2 806.8**	**2 772.6**	**2**
36122	Power and distribution transformers[3]	1 724.6	1 534.1	1 554.0	2
36124	Fluorescent lamp ballasts[3]	397.8	345.0	312.1	1
36125	Specialty transformers[3]	562.6	482.4	545.1	2
36127	Other transformers, including parts for all transformers[3]	206.6	318.3	243.2	19
36120	Transformers, n.s.k.	72.9	127.1	118.2	15
3613-	**Switchgear and switchboard apparatus**	**5 525.6**	**4 793.7**	**4 760.6**	**2**
36132	Power circuit breakers, all voltages[3]	437.3	407.0	394.6	7
36133	Low voltage panelboards and distribution boards[3]	1 787.0	1 408.3	1 299.5	3
36134	Fuses and fuse equipment, less than 2300 volts[3]	365.0	361.1	280.6	2
36135	Molded case circuit breakers, 750 volts or less[3]	1 001.0	815.7	711.1	1
36136	Duct, including plug-in units, 750 volts or less[3]	132.0	135.3	162.5	4
36138	Relays, switchgear[3]	531.4	444.1	497.1	3
36139	Switchgear, except ducts and relays[3]	1 098.7	1 012.3	1 230.5	5
36130	Switchgear and switchboard apparatus, n.s.k.	173.2	210.0	184.8	9
3621-	**Motors and generators**	**7 177.0**	**6 259.1**	**6 724.6**	**2**
36211	Fractional horsepower motors[3]	3 319.0	2 829.4	2 518.7	3
36212	Integral horsepower motors and generators[3]	1 235.2	1 107.8	1 454.2	1
36213	Land transportation motors and generators[3]	433.9	309.7	460.2	1
36214	Prime mover generator sets[3]	793.8	720.5	961.5	2
36217	Motor generator sets, fractional[3]	316.2	319.7	264.5	5
36218	Motor generator sets, integral[3]	341.2	351.4	379.3	1
36219	Parts for motors and generators	655.5	418.6	510.6	7
36210	Motors and generators, n.s.k.	82.3	202.2	175.6	10
3622-	**Industrial controls**	**4 939.6**	**4 238.0**	**4 376.1**	**4**
36221	Specific purpose industrial controls[3]	1 900.3	1 534.4	1 406.7	5
36222	General purpose industrial controls[3]	2 412.7	1 906.8	2 171.8	5
36223	Parts for industrial controls[3]	413.8	348.4	344.5	14
36220	Industrial controls, n.s.k.	212.8	448.4	453.1	42
3623-	**Welding apparatus, electric**	**1 308.4**	**1 086.0**	**1 231.6**	**4**
36231	Arc welding machines, components, and accessories	543.1	446.6	511.6	8
36232	Arc welding electrodes, metal	510.2	398.9	469.6	2
36233	Resistance welders, components, accessories	210.8	168.9	187.8	9
36230	Welding apparatus, electric, n.s.k.	44.3	71.6	62.7	24
3624-	**Carbon and graphite products**	**1 133.4**	**938.8**	**900.9**	**4**
36241	Electrodes	589.6	465.1	440.5	3
36249	Carbon and graphite products, n.e.c.	512.9	447.9	433.6	8
36240	Carbon and graphite products, n.s.k.	30.9	25.8	26.8	21
3629-	**Electrical industrial apparatus, n.e.c.**	**1 123.3**	**1 031.3**	**1 003.1**	**4**
36291	Capacitors for industrial use	176.0	174.4	190.0	1
36292	Rectifying apparatus	539.3	495.3	524.8	7
36293	Electrical equipment for industrial use, n.e.c.	298.5	279.4	213.0	6
36290	Electrical industrial apparatus, n.e.c., n.s.k.	109.5	82.3	75.3	9
3631-	**Household cooking equipment**	**3 404.3**	**2 998.4**	**2 346.3**	**1**
36311	Electric ranges, ovens, and surface units[3]	2 370.6	2 045.4	1 543.2	1
36313	Gas household ranges, ovens, and surface cooking units[3]	555.7	504.0	418.8	2
36314	Other household ranges and cooking equipment[3]	456.8	430.4	370.6	2
36310	Household cooking equipment, n.s.k.	21.2	18.5	13.7	3
3632-	**Household refrigerators and freezers**	**2 989.7**	**2 662.2**	**2 201.7**	**1**
36321	Household refrigerators[3]	2 569.9	2 253.4	1 786.9	1
36322	Food freezers, household[3]	276.3	308.2	311.2	1
36323	Parts for refrigerators and freezers	133.4	95.0	92.0	2
36320	Household refrigerators and freezers, n.s.k.	10.0	5.7	11.6	24
3633-	**Household laundry equipment**	**2 459.0**	**2 153.6**	**1 800.2**	**1**
36331	Household washing machines and dryers[3]	2 117.2	1 847.6	1 515.6	1
36333	Household laundry equipment, n.e.c.[3]	340.5	303.5	281.1	3
36330	Household laundry equipment, n.s.k.	1.3	2.5	3.4	1
3634-	**Electric housewares and fans**	**2 997.8**	**2 895.8**	**2 845.6**	**2**
36341	Electric fans, except industrial type[3]	564.4	558.1	592.3	1
36345	Small electric household appliances[3]	2 121.7	2 043.6	1 977.3	3
36349	Parts for small appliances	248.2	223.9	210.6	2
36340	Electric housewares and fans, n.s.k.	63.5	70.2	65.4	5
3635-	**Household vacuum cleaners**	**1 172.8**	**1 013.0**	**905.8**	**2**
36350	Household vacuum cleaners	1 172.8	1 013.0	905.8	2
3636-	**Sewing machines**	**178.3**	**212.3**	**231.0**	**3**
36361	Household sewing machines and parts	(D)	(D)	(D)	(X)
36362	Industrial sewing machines	(D)	(D)	(D)	(X)
36360	Sewing machines, n.s.k.	(D)	22.7	22.8	(X)
3639-	**Household appliances, n.e.c.**	**2 156.8**	**1 799.3**	**1 541.0**	**1**
36391	Household water heaters, electric[3]	377.6	362.4	300.8	2
36392	Household water heaters, except electric[3]	476.3	386.1	390.5	3
36394	Dishwashers, food waste disposers, trash compactors, floor waxers, and polishers[3]	1 048.7	861.9	687.4	1
36399	Household appliances, n.e.c.	231.1	164.2	140.7	4
36390	Household appliances, n.e.c., n.s.k.	23.2	24.6	21.6	7
3641-	**Electric lamp bulbs[3]**	**2 623.7**	**2 341.5**	**2 025.9**	**1**
36410	Electric lamps (bulbs only)[3]	2 623.7	2 341.5	2 025.9	1
3643-	**Current-carrying wiring devices**	**3 456.6**	**3 082.6**	**2 761.4**	**3**
36431	Lampholders[3]	201.6	166.8	154.7	5
36432	Convenience and power outlets[3]	241.9	218.5	169.5	1
36433	Switches for electrical circuitry[3]	1 249.8	1 058.5	965.5	6
36434	Metal contacts[3]	164.7	181.4	164.3	1
36435	Wire connectors for electrical circuitry[3]	750.6	670.9	591.6	4
36436	Current-carrying wiring devices, n.e.c.[3]	670.3	594.8	569.5	5
36430	Current-carrying wiring devices, n.s.k.	177.6	191.6	146.3	18
3644-	**Noncurrent-carrying wiring devices**	**2 252.9**	**2 125.6**	**2 082.3**	**3**
36441	Pole and transmission line hardware[3]	357.4	387.4	415.5	3
36442	Electrical conduit and conduit fittings[3]	1 105.7	1 008.8	1 021.3	6
36443	Noncurrent-carrying wiring devices, n.e.c.[3]	727.7	656.2	574.6	1
36440	Noncurrent-carrying wiring devices, n.s.k.	62.1	73.2	70.9	7

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars) 1984	1983	1982	Standard error (percent) for column[1]— 1984
		A	B	C	A
36	**ELECTRIC AND ELECTRONIC EQUIPMENT**—Con.				
3645-	**Residential lighting fixtures**	**1 503.7**	**1 461.2**	**1 289.7**	**6**
36451	Residential lighting fixtures, except portable[3]	684.3	570.6	469.8	7
36457	Portable residential type lighting fixtures	664.0	690.6	628.9	8
36450	Residential lighting fixtures, n.s.k.	155.4	200.0	191.0	24
3646-	**Commercial lighting fixtures**	**2 086.4**	**1 778.1**	**1 720.8**	**5**
36462	Commercial and institutional lighting fixtures[3]	1 661.5	1 393.3	1 279.2	5
36463	Industrial type lighting fixtures[3]	359.9	301.3	361.8	16
36460	Commercial lighting fixtures, n.s.k.	65.0	83.5	79.8	12
3647-	**Vehicular lighting equipment[3]**	**934.8**	**847.3**	**668.3**	**4**
36470	Vehicular lighting equipment[3]	934.8	847.3	668.3	4
3648-	**Lighting equipment, n.e.c.**	**1 353.0**	**1 177.0**	**1 170.3**	**7**
36485	Outdoor lighting equipment[3]	786.8	674.2	706.5	10
36489	Lighting equipment, n.e.c.	484.1	422.6	383.0	6
36480	Lighting equipment, n.e.c., n.s.k.	82.0	80.2	80.8	18
3651-	**Radio and TV receiving sets**	**6 952.1**	**5 922.3**	**5 415.1**	**2**
36511	Home, portable, and automobile radios[3]	1 276.9	1 037.2	783.4	2
36512	Television receivers[3]	4 307.0	3 500.8	3 386.0	2
36514	Consumer high fidelity components[3]	217.7	359.4	312.0	6
36515	Speaker systems, microphones, etc.[3]	948.1	874.7	783.9	4
36510	Radio and TV receiving sets, n.s.k.	202.3	150.3	149.8	5
3652-	**Phonograph records and prerecorded tape**	**1 930.6**	**2 089.2**	**1 695.0**	**2**
36521	Records, record blanks, prerecorded audio tapes, and video discs	1 562.8	1 669.0	1 259.2	1
36522	Magnetic tapes and discs with computer or word processor programs	(S)	(S)	(S)	(X)
36520	Phonograph records and prerecorded tapes, n.s.k.	196.7	244.5	226.2	9
3661-	**Telephone and telegraph apparatus**	**14 480.6**	**12 117.3**	**11 886.9**	**1**
36611	Telephone switching and switchboard equipment[3]	5 878.8	4 845.3	4 569.4	1
36612	Telephone and telegraph (wire) apparatus[3]	8 464.8	7 022.0	7 078.9	1
36610	Telephone and telegraph apparatus, n.s.k.	137.0	250.0	238.6	12
3662-	**Radio and TV communication equipment[3]**	**39 924.1**	**36 007.4**	**32 217.1**	**1**
36621	Communication equipment, except broadcast[3]	9 444.5	8 031.1	6 995.7	2
36622	Broadcast, studio, and related equipment[3]	1 503.0	1 425.3	1 591.4	3
36624	Alarm systems[3]	1 101.9	876.9	827.9	8
36625	Search and detection, navigation, and guidance equipment[3]	22 905.3	20 769.9	18 062.3	1
36626	Traffic control equipment[3]	460.1	509.6	418.3	4
36628	Intercommunication equipment[3]	232.4	171.1	163.6	17
36629	Electronic systems and equipment, n.e.c.[3]	3 460.3	3 179.9	3 021.9	2
36620	Radio and TV communication equipment, n.s.k.	816.5	1 043.6	1 105.7	9
3671-	**Electron tubes[2 3]**	**2 121.9**	**2 070.4**	**1 954.2**	**2**
36711	Receiving tubes, except cathode ray[2 3]	42.2	55.8	44.8	1
36712	Cathode ray picture tubes[2 3]	893.9	938.5	828.2	3
36713	Transmittal and special purpose tubes[2 3]	1 167.8	1 054.6	962.1	2
36710	Electron tubes, n.s.k.	18.0	21.4	19.1	1
3674-	**Semiconductors and related devices**	**17 819.4**	**12 800.6**	**11 215.4**	**1**
36741	Integrated microcircuits[3]	13 484.3	8 646.5	7 298.4	1
36742	Transistors[3]	797.4	601.8	596.1	3
36743	Diodes and rectifiers[3]	686.1	572.2	506.2	1
36749	Semiconductor devices, n.e.c.[3]	2 542.9	2 484.3	2 334.8	2
36740	Semiconductors and related devices, n.s.k.	308.8	495.7	479.9	6
3675-	**Electronic capacitors[3]**	**1 582.7**	**1 293.3**	**1 207.1**	**1**
36750	Capacitors for electronic circuitry[3]	1 582.7	1 293.3	1 207.1	1
3676-	**Electronic resistors[3]**	**942.7**	**748.4**	**758.3**	**4**
36760	Resistors for electronic circuitry[3]	942.7	748.4	758.3	4
3677-	**Electronic coils and transformers[3]**	**1 127.6**	**1 046.5**	**924.6**	**6**
36770	Coils, transformers, reactors, and chokes[3]	1 127.6	1 046.5	924.6	6
3678-	**Electronic connectors**	**3 270.0**	**2 724.4**	**2 353.3**	**2**
36781	Coaxial (rf) connectors for electronic circuitry[3]	269.6	228.9	223.3	4
36782	Cylindrical connectors for electronic circuitry[3]	439.0	425.6	411.7	6
36783	Rack and panel (rectangular) connectors for electronic circuitry[3]	470.5	465.8	401.2	3
36784	Printed circuit connectors for electronic circuitry[3]	690.7	593.1	464.0	4
36785	Connectors for electronic circuitry, n.e.c.[3]	1 321.4	881.1	740.0	3
36780	Connectors for electronic circuitry, n.s.k.	78.9	130.0	113.1	22
3679-	**Electronic components, n.e.c.**	**18 625.0**	**14 668.0**	**13 845.6**	**1**
36791	Crystals, filters, and other related devices[3]	556.5	536.0	429.8	4
36792	Magnetic recording media[3]	1 717.2	963.7	953.8	2
36793	Microwave components and devices[3]	856.6	773.4	794.5	3
36794	Relays for electronic circuitry[3]	639.4	353.4	305.2	2
36795	Transducers, electrical/electronic input or output[3]	420.0	368.2	357.0	5
36796	Switches, mechanical, for electronic circuitry[3]	553.0	552.1	468.6	3
36797	Printed circuit boards[3]	3 646.8	2 678.9	2 288.9	1
36798	Complex components[3]	3 062.2	2 805.3	2 655.9	3
36799	Electronic components, n.e.c.[3]	6 045.6	4 057.7	4 075.8	3
36790	Electronic components, n.e.c., n.s.k.	1 127.6	1 580.3	1 516.0	5
3691-	**Storage batteries**	**2 793.7**	**2 514.9**	**2 347.4**	**1**
36913	Storage batteries, lead acid type, 1.5 cu ft and smaller	2 082.1	1 862.2	1 757.8	2
36914	Storage batteries, lead acid type, more than 1.5 cu ft	342.0	293.7	301.8	1
36915	Storage batteries, except lead acid	309.9	293.0	228.9	2
36910	Storage batteries, n.s.k.	59.7	65.9	58.9	2
3692-	**Primary batteries, dry and wet**	**1 390.7**	**1 147.3**	**1 063.4**	**1**
36920	Primary batteries, dry and wet	1 390.7	1 147.3	1 066.4	1
3693-	**X-ray and electromedical apparatus**	**4 781.6**	**4 017.0**	**3 834.2**	**2**
36931	Irradiation (ionizing radiation) equipment[3]	1 946.6	1 492.6	1 355.9	2
36933	Electromedical equipment[3]	2 768.1	2 472.7	2 433.9	2
36930	X-ray and electromedical equipmment, n.s.k.	66.9	51.7	44.4	3

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars) 1984	1983	1982	Standard error (percent) for column[1]— 1984
		A	B	C	A
36	**ELECTRIC AND ELECTRONIC EQUIPMENT—Con.**				
3694-	**Engine electrical equipment**	**5 280.2**	**3 856.1**	**3 007.8**	**1**
36941	Ignition harness and cable sets	566.3	521.1	319.0	2
36942	Alternators, generators, and regulators	840.9	742.5	584.9	1
36943	Cranking motors (starters)	693.4	627.8	483.5	1
36944	Spark plugs	504.8	566.7	525.8	1
36947	Complete engine electrical equipment, n.e.c.	2 212.2	929.1	633.8	1
36949	Parts for engine electrical equipment	333.7	330.7	324.1	9
36940	Engine electric equipment, n.s.k.	128.9	138.3	136.8	7
3699-	**Electrical equipment and supplies, n.e.c.**	**1 815.8**	**1 563.9**	**1 351.0**	**3**
36993	Electrical comfort heating equipment[3]	135.6	137.0	94.0	2
36994	Electrical products, n.e.c.	1 148.5	964.1	836.4	3
36996	Apparatus wire and cordage (MFPM)[2 3]	228.6	222.8	171.0	9
36990	Electrical equipment, n.e.c., n.s.k.	303.0	240.0	249.6	9
37	**TRANSPORTATION EQUIPMENT**				
3711-	**Motor vehicles and car bodies**	**112 358.4**	**90 935.3**	**66 705.6**	**1**
37111	Passenger cars	70 729.0	60 853.4	42 902.3	1
37112	Trucks, truck tractors, and truck chassis	36 621.1	24 858.7	19 295.5	1
37113	Buses and fire department vehicles	(D)	913.9	893.5	(X)
37114	Military vehicles	(D)	(D)	(D)	(X)
37115	Passenger car bodies	(D)	(D)	(D)	(X)
37110	Motor vehicles, n.s.k.	(D)	(D)	(D)	(X)
3713-	**Truck and bus bodies**	**3 095.5**	**2 808.9**	**2 304.4**	**4**
37131	Truck, bus, and other vehicle bodies	2 158.3	2 156.8	1 672.6	4
37132	Complete vehicles produced on purchased chassis	784.1	505.1	523.8	12
37130	Truck and bus bodies, n.s.k.	153.1	147.0	108.0	7
3714-	**Motor vehicle parts and accessories**	**55 804.7**	**46 775.7**	**38 414.2**	**1**
37142	Gasoline engines and gasoline engine parts for motor vehicles, new	12 219.4	11 008.6	8 274.1	2
37144	Filters for internal combustion engines and motor vehicles, new	1 494.8	961.5	1 028.9	1
37145	Exhaust system parts, new	2 279.5	2 135.5	1 672.2	2
37146	Drive train components, new, except wheels and brakes	14 696.9	12 496.2	9 798.9	1
37147	Motor vehicle wheels	1 167.4	1 135.9	815.4	3
37148	Brake parts and assemblies, new	3 486.7	2 162.1	2 211.0	1
37149	All other motor vehicle parts and accessories, new, n.e.c.	17 944.9	14 792.0	12 709.5	2
37143	Rebuilt parts for motor vehicles, excluding carburetors and engine electrical equipment	1 242.2	1 022.4	890.4	3
37140	Motor vehicle parking and accessories, n.s.k.	1 272.8	1 061.5	1 013.9	4
3715-	**Truck trailers**	**3 253.8**	**1 950.2**	**1 567.5**	**4**
37151	Truck trailers with axle ratings of 10,000 lb or more[3]	3 107.3	1 831.0	1 525.5	4
37152	Truck trailers with axle ratings of less than 10,000 lb	52.3	48.5	78.3	14
37150	Truck trailers, n.s.k.	94.3	70.7	63.7	10
3716-	**Motor homes produced on purchased chassis**	**1 911.4**	**1 892.8**	**1 035.7**	**3**
37160	Motor homes produced on purchased chassis	1 911.4	1 892.8	1 035.7	3
3721-	**Aircraft**	**24 978.1**	**26 377.4**	**24 235.1**	**1**
37211	Military aircraft	13 187.1	11 995.5	9 834.5	1
37215	Civilian aircraft[3]	7 978.3	10 343.6	8 769.4	1
37217	Modification, conversion, and overhaul of aircraft	2 434.6	2 291.3	2 783.4	1
37218	Aeronautical services on aircraft, n.e.c.	1 343.6	1 705.6	2 817.1	1
37210	Complete aircraft, n.s.k.	34.4	41.5	30.7	13
3724-	**Aircraft engines and engine parts**	**12 641.0**	**11 516.3**	**11 640.8**	**1**
37241	Aircraft engines for military aircraft	(D)	(D)	(D)	(X)
37242	Aircraft engines for civilian aircraft[3]	2 432.8	2 274.9	2 142.6	1
37243	Aeronautical services on aircraft engines	(D)	(D)	(D)	(X)
37244	Aircraft engine parts and accessories	6 425.8	5 758.6	5 725.5	2
37240	Aircraft engine and engine parts, n.s.k.	81.2	83.9	79.4	11
3728-	**Aircraft equipment, n.e.c.**	**15 227.4**	**13 171.3**	**10 789.1**	**1**
37281	Aircraft parts and accessories, n.e.c.	14 029.6	11 998.2	9 862.4	1
37282	Aircraft propellers and helicopter rotors[3]	197.0	222.7	191.0	4
37283	Research and development on aircraft parts	711.0	629.4	432.2	3
37280	Aircraft equipment, n.e.c., n.s.k.	289.8	321.0	303.5	9
3731-	**Ship building and repairing[2]**	**9 471.2**	**9 342.0**	**10 654.5**	**1**
37311	Nonpropelled ships, new construction	380.9	509.9	1 336.6	5
37312	Self-propelled ships, military, new	4 904.1	4 219.4	4 094.5	1
37313	Self-propelled ships, nonmilitary, new	806.3	1 321.4	1 872.0	4
37314	Ship repair, military	1 641.0	1 688.7	1 571.2	2
37316	Ship repair, nonmilitary	1 830.5	1 419.5	1 592.2	2
37310	Ship building and repairing, n.s.k.	108.5	183.1	188.0	8
3732-	**Boat building and repairing**	**3 322.1**	**2 593.6**	**2 307.4**	**3**
37322	Outboard motorboats	857.1	449.1	345.0	7
37323	Inboard motorboats	748.8	580.8	522.3	4
37324	Inboard-outdrive boats	691.6	530.6	459.9	3
37327	Boats, n.e.c.	524.3	403.0	368.8	11
37328	Boat repair, military and nonmilitary	260.9	284.1	271.2	8
37320	Boat building and repairing, n.s.k.	439.3	346.0	340.1	9
3743-	**Railroad equipment**	**2 671.4**	**1 946.0**	**2 878.9**	**3**
37431	Locomotives, both new and rebuilt, and parts	(D)	(D)	(D)	(X)
37432	Passenger and freight train cars	(D)	(D)	(D)	(X)
37433	Street, subway, trolley, and rapid transit cars	623.4	632.8	663.7	8
37430	Railroad equipment, n.s.k.	62.5	59.4	63.1	8
3751-	**Motorcycles, bicycles, and parts**	**1 262.8**	**1 151.4**	**1 143.1**	**2**
37511	Bicycles and parts	573.6	596.3	601.6	1
37512	Motorcycles and parts	633.8	492.1	480.8	2
37510	Motorcycles, bicycles, and parts, n.s.k.	55.3	63.0	60.8	18

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
37	**TRANSPORTATION EQUIPMENT**—Con.				
3761-	**Guided missiles and space vehicles**	**10 854.2**	**10 157.8**	**8 585.6**	**1**
37611	Complete missiles	3 152.7	3 161.0	2 644.8	1
37612	Complete space vehicles and booster stages	2 668.5	2 619.3	2 010.7	1
37613	Research and development on complete missiles	1 895.0	1 856.2	1 504.0	1
37614	Research and development on complete space vehicles	1 053.7	872.7	987.2	1
37615	Other services on complete missiles and space vehicles	2 084.3	1 648.0	1 438.3	1
37610	Guided missiles and space vehicles, n.s.k.	.2	.7	.5	1
3764-	**Space propulsion units and parts**	**2 837.9**	**2 542.6**	**2 199.1**	**1**
37645	Missile or space vehicle propulsion units	1 531.1	1 362.1	960.7	1
37646	Research and development on propulsion units	689.8	581.1	694.8	1
37647	Other services on propulsion units	196.9	277.2	238.0	1
37648	Propulsion unit parts and accessories	417.3	319.3	301.5	2
37640	Space propulsion units and parts, n.s.k.	2.8	2.8	4.2	1
3769-	**Space vehicle equipment, n.e.c.**	**3 661.6**	**2 483.7**	**2 573.9**	**1**
37692	Missile and space vehicle parts, n.e.c.	1 812.7	1 243.1	1 161.0	1
37694	Research and development on missile and space vehicle parts, n.e.c.	1 835.3	1 213.3	1 403.3	1
37690	Space vehicle equipment, n.e.c., n.s.k.	13.6	7.3	9.6	2
3792-	**Travel trailers and campers**	**1 350.3**	**1 298.8**	**1 088.1**	**3**
37921	Travel trailers	805.6	800.0	628.0	3
37922	Camping trailers, campers, pickup covers	409.3	382.6	340.4	6
37920	Travel trailers and campers, n.s.k.	136.4	116.2	119.7	6
3795-	**Tanks and tank components**	**3 837.5**	**3 753.6**	**2 680.5**	**1**
37950	Tanks and tank components	3 837.5	3 753.6	2 680.5	1
3799-	**Transportation equipment, n.e.c.**	**1 030.3**	**1 045.1**	**954.3**	**5**
37993	Golf carts and industrial personnel carriers	201.2	163.1	156.8	4
37994	Snowmobiles and parts	(D)	79.6	63.9	(X)
37998	Automobile and light truck trailers	343.3	275.2	272.0	11
37998	Transportation equipment, n.e.c., including all-terrain vehicles	(D)	447.7	389.3	(X)
37990	Transportation equipment, n.e.c., n.s.k.	120.2	79.4	72.2	5
38	**INSTRUMENTS AND RELATED PRODUCTS**				
3811-	**Engineering and scientific instruments**	**3 373.3**	**3 261.1**	**2 964.4**	**4**
38111	Aeronautical, nautical, and navigational instruments[3]	1 546.0	1 639.6	1 418.7	4
38112	Laboratory and scientific apparatus[3]	1 353.1	1 089.4	1 083.6	6
38113	Surveying and drafting instruments[3]	308.5	315.7	259.9	11
38110	Engineering and scientific instruments, n.s.k.	165.6	216.5	202.2	20
3822-	**Environmental controls[3]**	**2 [illegible]29.6**	**1 754.3**	**1 544.5**	**3**
38220	Heating, air conditioning, appliance controls[3]	2 029.6	1 754.3	1 544.5	3
3823-	**Process control instruments[3]**	**4 114.8**	**3 718.4**	**3 915.1**	**3**
38230	Process control instruments[3]	4 114.8	3 718.4	3 915.1	3
3824-	**Fluid meters and counting devices[3]**	**860.2**	**829.3**	**787.1**	**6**
38242	Integrating and totalizing meters for gas and liquids[3]	459.2	470.4	519.6	10
38243	Counting devices[3]	201.5	183.5	162.0	7
38244	Motor vehicle instruments	165.1	146.9	76.2	4
38240	Fluid meters and counting devices, n.s.k.	34.4	28.4	29.3	5
3825-	**Instruments to measure electricity**	**7 364.0**	**6 143.9**	**5 575.6**	**2**
38251	Integrating instruments, electrical[3]	448.2	368.8	363.2	2
38252	Test equipment for testing electrical circuits[3]	5 928.7	5 061.0	4 455.2	2
38253	Instruments to measure electricity, n.e.c.[3]	705.3	517.3	556.7	8
38250	Instruments to measure electricity, n.s.k.	281.8	196.8	200.5	5
3829-	**Measuring and controlling devices, n.e.c.**	**2 050.7**	**2 018.3**	**2 073.4**	**4**
38291	Aircraft engine instruments, except flight[3]	355.5	327.3	311.0	9
38292	Physical properties testing and inspection equipment[3]	676.1	542.0	635.2	6
38293	General purpose instruments[3]	378.0	399.1	365.2	15
38294	Nuclear radiation detection and monitoring instruments[3]	546.5	584.2	596.4	3
38290	Measuring and controlling devices, n.e.c., n.s.k.	94.7	165.7	165.6	21
3832-	**Optical instruments and lenses**	**4 990.5**	**4 036.3**	**3 678.4**	**3**
38324	Sighting, tracking, and fire control equipment[3]	565.2	515.3	505.4	1
38325	Optical instruments and lenses, n.e.c.[3]	1 406.5	1 033.0	922.8	5
38326	Analytical and scientific instruments, except optical[3]	2 900.8	2 349.0	2 088.4	5
38320	Optical instruments and lens, n.s.k.	118.0	139.0	161.8	20
3841-	**Surgical and medical instruments**	**4 599.6**	**4 592.1**	**4 271.9**	**3**
38411	Surgical and medical instruments and apparatus	4 124.9	3 985.5	3 686.1	3
38412	Hospital furniture	255.5	271.7	270.0	2
38410	Surgical and medical instruments, n.s.k.	219.2	335.0	315.8	17
3842-	**Surgical appliances and supplies**	**6 015.4**	**5 402.0**	**5 018.8**	**3**
38421	Surgical appliances and supplies	4 590.7	4 076.6	3 785.7	2
38423	Personal industrial safety devices	1 020.2	942.7	874.2	8
38424	Electronic hearing aids	144.2	118.1	109.2	9
38420	Surgical appliances and supplies, n.s.k.	260.4	264.7	249.5	13
3843-	**Dental equipment and supplies**	**1 023.1**	**954.9**	**957.0**	**7**
38431	Dental professional equipment and supplies	651.6	619.0	567.9	9
38432	Dental laboratory equipment and supplies	296.5	260.1	268.8	10
38430	Dental equipment and supplies, n.s.k.	74.9	75.8	120.4	44
3851-	**Ophthalmic goods**	**1 170.8**	**1 118.9**	**1 081.1**	**3**
38511	Ophthalmic fronts and temples	159.7	164.5	153.7	11
38514	Glass ophthalmic focus lenses	150.1	130.0	155.1	12
38515	Plastics ophthalmic focus lenses	141.3	112.4	115.3	3
38516	Contact lenses	334.4	292.6	228.8	3
38517	Ophthalmic goods, n.e.c.	282.4	272.5	284.4	7
38510	Ophthalmic goods, n.s.k.	102.8	147.0	143.8	9

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
38	**INSTRUMENTS AND RELATED PRODUCTS**—Con.				
3861-	**Photographic equipment and supplies**	**15 954.4**	**14 900.1**	**14 990.4**	**1**
38611	Still picture equipment	1 122.0	1 239.7	1 473.3	3
38612	Photocopying equipment	4 810.8	(D)	(D)	1
38613	Motion picture equipment	192.8	218.3	203.2	7
38614	Microfilming, blueprinting, and whiteprinting equipment	501.3	463.1	466.0	4
38615	Sensitized film and plates, silver halide type	4 296.4	4 234.9	4 154.7	1
38616	Sensitized paper and cloth, silver halide type	(D)	(D)	(D)	(X)
38617	Sensitized film, plates, paper, and cloth, except silver halide type	1 129.1	1 202.8	985.0	3
38618	Prepared photographic chemicals	1 050.3	1 146.1	966.8	1
38619	X-ray film and plates	(D)	(D)	(D)	(X)
38610	Photographic equipment and supplies, n.s.k.	(D)	(D)	(D)	(X)
3873-	**Watches, clocks, and watchcases**	**1 013.9**	**975.6**	**1 121.8**	**2**
38732	Clocks, timing mechanisms, time switches, and clock parts	505.3	458.3	475.1	4
38734	Watches with imported movements or modules	(D)	391.7	457.9	(X)
38736	Watches with domestic movements or modules	(D)		58.4	(X)
38737	Watchcases and parts for watchcases	72.0	68.7	70.5	5
38730	Watches, clocks, and watchcases, n.s.k.	57.4	57.0	60.0	5
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**				
3911-	**Jewelry, precious metal**	**3 003.9**	**2 881.9**	**2 823.2**	**3**
39111	Jewelry, made of platinum metals and karat gold	2 379.4	2 112.6	2 076.5	4
39112	Other jewelry, made of precious metals	283.9	418.3	411.0	13
39110	Jewelry, precious metal, n.s.k.	340.5	351.0	335.7	8
3914-	**Silverware and plated ware**	**432.1**	**442.1**	**489.3**	**11**
39141	Hollowware	242.2	207.8	208.2	5
39142	Flatware	165.6	217.4	266.1	26
39140	Silverware and plated ware, n.s.k.	24.4	16.9	15.1	14
3915-	**Jewelers' materials and lapidary work**	**740.2**	**785.6**	**814.4**	**6**
39151	Jewelers' findings and materials	450.7	487.6	494.4	8
39152	Lapidary work and diamond cutting and polishing	172.1	215.7	238.9	10
39150	Jewelers' materials and lapidary work, n.s.k.	117.4	82.4	81.0	6
3931-	**Musical instruments**	**769.2**	**883.2**	**876.5**	**3**
39311	Pianos	155.1	202.1	194.8	3
39312	Organs	139.5	177.0	177.7	2
39313	Piano and organ parts	79.8	90.2	94.1	9
39314	Other musical instruments and parts	310.4	360.5	346.4	7
39310	Musical instruments, n.s.k.	84.5	53.5	63.6	8
3942-	**Dolls**	**612.5**	**554.2**	**523.6**	**5**
39420	Dolls and stuffed toy animals	612.5	554.2	523.6	5
3944-	**Games, toys, and children's vehicles**	**3 167.5**	**3 199.9**	**3 978.9**	**3**
39443	Baby carriages and children's vehicles, except bicycles	311.3	356.8	315.1	3
39444	Toys, excluding games, hobbies, and electronic toys	1 430.6	1 361.4	1 329.5	5
39445	Hobbies and models	389.6	429.2	377.0	7
39446	Nonelectronic games	453.6	447.9	399.1	1
39447	Electronic games and toys[3]	425.2	390.4	1 347.8	14
39440	Games, toys, and children's vehicles, n.s.k.	147.1	214.1	208.5	13
3949-	**Sporting and athletic goods, n.e.c.**	**3 284.2**	**3 126.7**	**3 160.8**	**3**
39491	Fishing tackle and equipment	339.9	331.6	341.9	6
39492	Golf equipment	651.0	655.5	644.0	5
39494	Playground, gymnasium, and exercise equipment	712.4	678.2	531.4	5
39495	Other sporting and athletic goods, n.e.c.	1 400.8	1 158.7	1 314.1	3
39490	Sporting and athletic goods, n.e.c., n.s.k.	180.1	302.6	329.4	15
3951-	**Pens and mechanical pencils**	**845.5**	**789.1**	**773.8**	**3**
39511	Ball point and roller pens[3]	389.1	366.6	383.5	5
39512	Markers, fine point and broad tipped[3]	183.9	171.1	156.9	4
39513	Other pens, mechanical pencils, desk sets, and pen and pencil parts[3]	234.6	202.4	204.7	6
39510	Pens, markers, mechanical pencils, and pen points (refillable and nonrefillable), n.s.k.	38.0	29.0	28.7	31
3952-	**Lead pencils and art goods**	**383.8**	**381.6**	**352.7**	**5**
39521	Wood-cased pencils, crayons, and chalk[3]	221.5	200.3	183.5	8
39522	Artists' equipment	136.5	127.4	145.5	5
39520	Lead pencils, crayons, and artists' materials, n.s.k.	25.8	53.8	23.7	4
3953-	**Marking devices[3]**	**347.9**	**361.3**	**326.9**	**12**
39530	Hand stamps, stencils, and other marking devices[3]	347.9	361.3	326.9	12
3955-	**Carbon paper and inked ribbons**	**726.4**	**820.5**	**793.6**	**4**
39551	Inked ribbons, all types[3]	421.6	535.3	485.3	6
39552	Carbon paper, stencil paper, etc.[3]	270.2	255.7	282.0	7
39550	Carbon paper, stencil paper, and inked ribbons, n.s.k.	34.6	29.5	26.3	11
3961-	**Costume jewelry**	**1 133.4**	**1 111.9**	**948.6**	**5**
39610	Costume jewelry and costume novelties	1 133.4	1 111.9	948.6	5
3962-	**Artificial flowers**	**290.1**	**268.8**	**238.0**	**9**
39620	Feathers, plumes, and artificial flowers	290.1	268.8	238.0	9
3963-	**Buttons**	**164.1**	**163.0**	**142.5**	**13**
39630	Buttons and parts	164.1	163.0	142.5	13
3964-	**Needles, pins, and fasteners**	**627.8**	**604.1**	**606.9**	**4**
39641	Zippers and slide in fasteners	276.8	225.6	200.8	3
39642	Needles, pins, fasteners (except slide), and similar notions	311.6	335.2	364.4	7
39640	Needles, pins, and fasteners, n.s.k.	39.2	43.3	41.7	12
3991-	**Brooms and brushes**	**883.6**	**792.0**	**783.7**	**7**
39911	Brooms	154.7	126.9	134.2	8
39912	Paint and varnish brushes, rollers, and pads	254.0	214.6	223.0	20
39913	Other brushes	413.0	413.0	372.8	5
39910	Brooms and brushes, n.s.k.	41.8	35.4	33.7	5

See footnotes at end of table.

Table 1. Value of Shipments of Product Classes: 1982 to 1984—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product class code	Description	Value of product shipments (million dollars)			Standard error (percent) for column[1]—
		1984	1983	1982	
		A	B	C	A
39	**MISCELLANEOUS MANUFACTURING INDUSTRIES**—Con.				
3993-	**Signs and advertising displays**	**3 234.8**	**2 630.6**	**2 549.3**	**5**
39931	Electric signs	956.2	754.5	683.4	11
39932	Nonelectric signs	1 327.4	1 001.3	1 000.1	7
39933	Advertising specialties	283.9	265.9	268.9	18
39930	Signs and advertising displays, n.s.k.	667.3	608.9	596.9	10
3995-	**Burial caskets**	**695.8**	**691.4**	**672.8**	**4**
39951	Metal caskets and coffins, lined and trimmed (adult)	422.6	453.6	429.5	6
39952	Wood caskets and coffins, lined and trimmed (adult)	127.5	115.5	115.1	10
39953	Other caskets, coffins, and metal vaults	84.7	80.3	87.7	9
39950	Burial caskets, n.s.k.	61.1	42.0	40.5	2
3996-	**Hard surface floor coverings**	**951.6**	**825.0**	**535.4**	**1**
39960	Resilient floor covering	951.6	825.0	535.4	1
3999-	**Manufacturing industries, n.e.c.**	**3 099.5**	**3 515.0**	**3 881.8**	**4**
39991	Chemical fire-extinguishing equipment and parts	306.4	283.2	333.5	3
39992	Coin-operated amusement machines[3]	299.9	526.6	1 086.9	4
39993	Matches	88.1	80.6	97.1	7
39994	Candles	275.7	268.2	257.6	9
39995	Lampshades	65.4	45.3	41.8	24
39996	Furs, dressed and dyed	76.7	112.2	96.7	5
39997	Umbrellas, parasols, and canes	60.3	66.4	64.9	9
39999	Miscellaneous fabricated products, n.e.c.	1 172.2	1 249.7	1 028.8	5
39990	Manufacturing industries, n.e.c., n.s.k.	754.8	882.7	874.6	10

[1]Description of standard error of estimate is given in Introduction under Qualifications of the Data. Standard error percentages shown for column A (1984), however, are approximate relative standard errors of estimate of level.

[2]For selected product classes, certain qualifications are necessary for a more complete understanding of interyear relationships and comparability of data. These are listed in appendixes.

[3]In addition to value of shipments shown for this class of product, more detailed statistics on value of shipments for some of products included in this class of product are shown in appropriate Current Industrial Report listed in appendixes.

Table 2. Shipments of Selected Product Classes Primary to More Than One Industry: 1982 to 1984

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Product class code	Description	1984	1983	1982
20116 20136	Pork, processed or cured (not canned or made into sausage)	5 130.6	5 091.5	5 320.5
20117 20137	Sausage and similar products (not canned)	6 446.6	6 441.3	6 508.0
20118 20138	Canned meats, (except dog and cat food) containing 20 percent meat or more	1 606.2	1 461.6	1 548.6
20415 20450	Flour mixes and refrigerated doughs	2 228.2	'2 194.4	'2 074.2
20668 20998	Other chocolate and cocoa products	899.2	770.4	980.8
22117 22617	Finished cotton broad woven fabrics	1 250.7	'1 394.0	1 161.0
22219 23922	Sheets and pillowcases	1 227.7	1 252.0	1 140.5
22119 23923	Towels and washcloths	1 139.0	1 138.5	984.0
22218 22628	Finished manmade fiber and silk broad woven fabrics	3 713.9	'3 432.2	2 933.5
23412 22542	Women's and children's underwear	1 091.0	995.1	956.3
23413 22543	Women's and children's nightwear	1 196.5	1 327.2	1 189.3
28744 28750	Mixed fertilizers	2 173.3	2 168.3	2 237.5
29117 29920	Lubricating oils and greases	6 403.4	'5 783.4	'5 609.7
32113 32313	Laminated glass	908.3	807.8	697.2
33125 33155	Steel wire	1 593.1	1 481.5	1 392.9
33126 33170	Steel pipe and tubes	5 606.2	4 542.4	7 218.6
33127 33167	Cold rolled steel sheet and strip	9 260.2	8 424.3	6 977.9
33128 33168	Cold finished steel bars and bar shapes	1 826.3	1 384.9	1 264.3
3312A 34627	Seamless rolled ring forgings, ferrous	206.6	182.7	254.3
3312B 34628	Open die or smith forgings, hammer or press	565.3	'542.1	'747.6
33151 34961	Noninsulated ferrous wire rope, cable, and strand	1 003.8	957.5	913.4
33152 34967	Steel nails and spikes (not made by wire drawers)	514.0	516.1	434.4
33150 34966	Fencing and fence gates	430.4	438.7	446.7
33157 34984	Ferrous wire cloth and other ferrous woven wire products	285.4	245.3	272.4
33159 34968	Other fabricated ferrous wire products	1 963.0	1 821.6	1 638.8
33312 33412	Refined copper	2 413.1	2 427.8	'2 389.0
33323 33413	Refined lead	(D)	(D)	(D)
33334 33414	Refined zinc	635.4	518.6	454.2
33347 33417 33553	Aluminum ingot	6 790.7	6 625.5	5 337.4
33348 33418 33554	Aluminum extrusion billet	1 082.8	'1 095.0	831.1
33395 33415	Precious metals	1 722.1	2 273.2	2 077.9
33398 33416 33399	Other nonferrous metals, including magnesium, smelted or refined	1 325.2	1 028.5	1 044.0
33551 33571	Aluminum and aluminum-base alloy wire (including ACSR)	592.6	548.6	486.4
33575 34965	Nonferrous metal wire products	119.5	118.7	120.7
33576 36996	Appliance wire and cord and flexible cord sets	979.3	783.0	648.6

APPENDIX A.
Qualifications for Selected Product Class Codes

Product code	Explanation
20116-8 and 20136-20138	Product class is limited to products produced by establishments in the industry having the same code as the first four digits of the product code. Appreciable amounts are also made in other product classes referred to in the product description. See table 2 for value of such products shipped from all establishments. 2011 includes products made in slaughtering plants. 2013 includes products not made in slaughtering plants.
20161 and 20171; 20162 and 20172; 20163 and 20173; 20164 and 20174; 20165 and 20175	2016 includes products made in slaughtering plants. 2017 includes products not made in slaughtering plants. It was necessary to combine selected 2016 product classes with those of 2017 in order to avoid disclosing data for individual companies.
203-(except 2034), 2085 all, 20910, 2092 all, and 21 all	Represents value of production.
20415 and 20450	See explanation for product class 20116 in this appendix. 2041 includes products made in flour mills. 2045 includes products not made in flour mills.
20652 and 20662	See explanation for product class 20116 in this appendix. 2065 includes products made from purchased chocolate. 2066 includes products made from cocoa beans ground in the same establishment.
20668 and 20998	See explanation for product class 20116 in this appendix. 2066 includes products made from cocoa beans ground in the same establishment. 2099 includes products made from purchased chocolate.
22117 and 22617; 22218 and 22628	See explanation for product class 20116 in this appendix. 2211 and 2221 include products finished in weaving mills. 2261 and 2262 include products not finished in weaving mills.
22119, 22219, 23922, and 23923	See explanation for product class 20116 in this appendix. 2211 and 2221 include products made in weaving mills. 2392 includes products not made in weaving mills.
225- and 23-	See explanation for product class 20116 in this appendix. Product classes of SIC 225- include products made in knitting mills. Product classes in major group 23 include products made from purchased knit and woven fabrics.
22617 and 22628	See 22117 above.
22811-4 and 22690	See explanation for product class 20116 in this appendix.
2281	Includes yarn spun and finished in same plant. 2269 includes finishing of purchased yarn.
Major group 23	See SIC 225- above.
23922	See 22119 above.
23923	See 22119 above.
24920	Includes oriented strand board (OSB) and waferboard.
26453	Excludes tabulating card sets which are included in product class 27612.
28137	Excludes value of helium produced in government-owned plants.
2819	1982 figures include value of inorganic chemicals shipped by establishments classified in manufacturing and nonmanufacturing industries. The value of shipments reported by nonmanufacturing establishments classified in the mineral industries was between 150 and 175 million for 1982.

Product code	Explanation
28213, 28214, 28220, 28331, 28430, 28651, 28652, 28653, 28655, 28693-28697, and 28732	Shown in the United States International Trade Commission's annual report "Synthetic Organic Chemicals, United States Production and Sales" which includes data on quantities produced and value shipped for many of the synthetic organic chemicals included in this grouping.
28744 and 28750	See explanation for product class 20116 in this appendix.
29117 and 29920	See explanation for product class 20116 in this appendix.
3211-32113, and 32313	Separate figures for laminated glass made from purchased glass cannot be shown. The totals for product class 32313 have been included in the totals for industry 3211.
33121	By definition this product class is limited to the product produced by establishments classified in the industry having the same code as the first four digits of the product code. Some of the products included in this product class are also made in industry 3313.
33125-C	See explanation for product class 20116 in this appendix.
3313-	See explanation for product class 33121 in this appendix.
33151-33159	See explanation for product class 20116 in this appendix.
33312, 33323, and 3334	See explanation for product class 20116 in this appendix.
33347, 33348, 33395, 33398, and 33399	See explanation for product class 20116 in this appendix.
33412-33418	See explanation for product class 20116 in this appendix.
33551	See explanation for product class 20116 in this appendix.
33553-4	Most of the aluminum billet and alloys produced by rolling and drawing mills represent duplication of tonnage reported by aluminum refiners (industry 3334 and 3341).
33569	See explanation for product class 20116 in this appendix.
33571	See explanation for product class 20116 in this appendix.
33573	See explanation for product class 20116 in this appendix.
33575-8	See explanation for product class 20116 in this appendix.
33980	Primarily represents establishments engaged in performing metal services on materials owned by others.
34827, 34828	See explanation for product class 20116 in this appendix.
34710 and 34790	See explanation for product class 33980 in this appendix.
34961 and 34964-8	See explanation for product class 20116 in this appendix.
3579	Includes SIC 3572.
3671	Includes SIC 3672 and SIC 3673.
36711	Corresponds to SIC 3671.
36712	Corresponds to SIC 3672.
36713	Corresponds to SIC 3673.
36998	See explanation for product class 20116 in this appendix.
3731	Values for ship building and repairing are value of work done.

APPENDIX B.
Current Industrial Reports by Product Class Codes

Annual Survey of Manufactures product class	Current Industrial Reports
20852, 20853, 20862	MA-20D, Confectionery, Including Chocolate Products
2211A pt, 22119, 22219, 2221A pt	MQ-23X, Sheets, Pillowcases, and Towels
22411, 22414	MA-22G, Narrow Fabrics
22531, 22532, 22533	MA-23E, Men's and Boys' Outerwear
22531, 22532, 22533	MA-23F, Women's and Children's Outerwear
22560	MA-23D, Gloves and Mittens
22541, 22542, 22543	MA-23G, Underwear and Nightwear
22710, 22720, 22790	MQ-22Q, Carpet and Rugs
23111, 23112, 23113, 23114, 23212, 23214, 23271, 23281, 23283, 23284, 23291, 23292	MA-23E, Men's and Boys' Outerwear
23421, 23422	MA-23G, Underwear and Nightwear
23312, 23317, 23353, 23371, 23372, 23374, 23382, 23384, 23386, 23387, 23611, 23612, 23631, 23691	MA-23F Women's and Children's Outerwear
23811, 23812, 31510	MA-23D, Gloves and Mittens
23215, 23220	MA-23G, Underwear and Nightwear
23851	MA-23E, Men's and Boys' Outerwear
23851	MA-23F, Women's and Children's Outerwear
23822, 23823	MQ-23X, Sheets, Pillowcases, and Towels
23412, 23413	MA-23G, Underwear and Nightwear
24351, 24352	MA-24F, Hardwood Plywood
24355, 24356, 24357	MA-24H, Softwood Plywood
24899	MA-26A, Pulp, Paper, and Board
25210, 25220, 25221, 25225, 25226, 25227	MA-25H, Office Furniture
26111, 26113, 26114, 26211, 26212, 26213, 26214, 26215, 26216, 26217, 26218, 26219, 2621A, 26311, 26312, 26313, 26314, 26318	M26A, Pulp, Paper, and Board
26413, 26414, 26420, 26453, 26481, 26482, 26496	MA-26B, Selected Office Supplies and Accessories
26611, 26612	MA-26A, Pulp, Paper, and Board
27612, 27613, 27615, 27617, 27624, 27625 39551, 39552	MA-27A, Business Forms, Binders, Carbon Paper, and Inked Ribbon
28121, 28123, 28125, 28161, 28193, 28194, 28195, 28197, 28198, 28199	MA-28A, Inorganic Chemicals
28132, 28133, 28135, 28136, 28137	M28C, Industrial Gases
28220	MA-30A, Rubber: Production, Shipments, and Inventories
28341, 28342, 28343, 28344, 28345, 28346, 28347, 28348, 28349	MA-28G, Pharmaceutical Preparations, Except Biologicals
28422	MA-28A, Inorganic Chemicals
28511, 28512, 28513, 28515	M28F, Paint, Varnish, and Lacquer
28731, 28732, 28741, 28742	MA-28A, Inorganic Chemicals
30411, 30412, 30413, 30414, 30415, 30416	MA-30B, Rubber and Plastics Hose and Beltings
30214, 30215, 31420, 31433, 31434, 31435, 31445, 31448, 31447, 31448, 31491, 31493 31495, 31496, 31497	MA-31A, Footwear
32115	MQ-32A, Flat Glass
32210	MA-32G, Glass Containers
32291, 32292, 32294	MA-32E, Consumer, Scientific, Technical, and Industrial Glassware
32293	MA-32J, Fibrous Glass
32317	MA-32E, Consumer, Scientific, Technical, and Industrial Glassware
32510, 32530	M32D, Clay Construction Products
32550	MQ-32C, Refractories
32591	M32D, Clay Construction Products
32810	MQ-34E, Plumbing Fixtures
32970	MQ-32C, Refractories
33122, 33123, 33124, 33125, 33126, 33127, 33128, 3312C	MA-33B, Steel Mill Products
33151, 33152, 33155, 33156, 33157, 33159, 33167, 33168, 33170	MA-33B, Steel Mill Products
33211, 33212, 33216, 33217, 33218, 33219, 33240, 33252, 33254, 33256	M33A, Iron and Steel Castings
33578, 33577, 33578, 3367A, 3367B, 3357C, 3357D, 3357E	MA-33L, Insulated Wire and Cable
33611, 33612, 33620, 33691, 33692	MA-33E, Nonferrous Casting
34121, 34122	MQ-34K, Steel Shipping Drums and Pails
34310	MQ-34E, Plumbing Fixtures
34333, 34334, 34336, 34339	MA-34N, Selected Heating Equipment
34661, 34662	M34H, Closures for Containers
34947, 34948	MA-38B, Selected Instruments and Related Products
3494B, 3494C, 3494D, 3494E, 3494F, 3494G, 3494H	MA-35N, Fluid Power Products
35191, 35193, 35194, 35196	MA-35L, Internal Combustion Engines
35231, 35232, 35233, 35234, 35235, 35236, 35237, 35238, 35239, 3523A, 3523B, 35241, 35243, 35244, 35245	MA-35A, Farm Machinery and Lawn and Garden Equipment
35311, 35312, 35316, 35317, 35318, 35319	MQ-35D, Construction Machinery
35314	MA-35D, Construction Machinery
35325, 35326, 35327, 35328, 35336	MA-35F, Mining Machinery, Mineral Processing Equipment
35411, 35412, 35413, 35414, 35415, 35416, 3541A, 3541B, 3541C, 35421 35422, 35423	MQ-35W, Metalworking Machinery
35611, 35613, 35615, 35631	MA-35P, Pumps and Compressors
35621, 35622, 35623, 35624, 35629	MA-35Q, Antifriction Bearings
35646	MA-35J, Selected Industrial Air Pollution Control Equipment
35617, 35618, 3561A, 3561B, 35694, 35695, 35696	MA-35N, Fluid Power Products
35731, 35732, 35734, 35743, 35744, 35745, 35792, 35793, 35795, 35799, 3579A	MA-35R, Computers and Office and Accounting Machines
35611	MA-35U, Vending Machines (Coin Operated)
35851, 35852, 35854, 35855, 35856, 3585A	MA-35M, Air Conditioning and Refrigeration Equipment
35996, 35997, 35998, 35999	MA-35N, Fluid Power Products
36124	MQ-36C, Fluorescent Lamp Ballasts
36122, 36125, 36127	MA-36G, Transformers
36132, 36133, 36134, 36135, 36136, 36138, 36139	MA-36A, Switchgear, Switchboard Apparatus, Relays, and Industrial Controls
36211, 36212, 36213, 36214, 36217, 36218	MA-36H, Motors and Generators
36221, 36222, 36223	MA-36A, Switchgear, Switchboard Apparatus, Relays, and Industrial Controls
36311, 36313, 36314, 36321, 36322, 36331 36333	MA-36F, Major Household Appliances
36341, 36345	MA-36E, Electric Housewares and Fans
36391, 36392, 36394	MA-36F, Major Household Appliances
36410	MQ-36B, Electric Lamps
36431, 36432, 36433, 36434, 36435, 36436, 36441, 36422, 36443	MA-36K, Wiring Devices and Supplies
36451, 36462, 36463, 36470, 36485	MA-36L, Electric Lighting Fixtures
36511, 36512, 36514, 36515	MA-36M, Radio and Television Receivers, Phonographs, and Related Equipment
36611, 36612, 36621, 36622, 36624, 36625, 36626, 36628, 36629, 36711, 36712, 36713, 36741, 36742, 36743, 36749 36750, 36760 36770, 36781, 36782, 36783, 36784, 36785 36791, 36792, 36793, 36795, 36796, 36797, 36798, 36799, 36931, 36933	Selected Electronic and Associated Products
36794	MA-36A, Switchgear, Switchboard Apparatus, Relays, and Industrial Controls
36993	MA-34N, Selected Heating Equipment
36996	MA-33L, Insulated Wire and Cable
37151	M37L, Truck Trailers
37215, 37242	M37G, New Complete Aircraft and Aircraft Engines
37282	MA-37E, Aircraft Propellers
38111, 38112, 38113, 38220, 38230, 38242, 38243, 38251, 38252, 38253, 38291, 38292, 38293, 38294, 38324, 38325, 38326	MA-38B, Selected Instruments and Related Products
39447, 39992	MA-36N, Selected Electronic and Associated Products
39511, 39512, 39513, 39521, 39530	MA-39A, Pens, Pencils, and Marking Devices

Note: In a few cases, product class totals obtained by adding product detail in the Census Bureau's Current Industrial Reports (CIR's) differ significantly from those in the Annual Survey of Manufactures (ASM). These differences are mainly due to the following:

a. ASM is based on a sample and most CIR's are not. Thus, differences may arise due to sampling variation (measured by the estimate of standard error) or other differences, many of which are explained in table 6a-1 of the industry reports in the 1982 Census of Manufactures.

b. ASM collects data from all large manufacturers and a sample of smaller establishments at the broad five-digit product class level so all manufacturing production is represented. The CIR's collect data at the seven-digit level from a list of manufacturers who have reported these specific products in the past. For this reason, existing establishments which did not previously produce products covered in a CIR but have begun to do so will report these new products in the ASM before being added to the appropriate CIR. A further consequence of the different level of detail used in collection is that product classification in the ASM may differ from product classification in the CIR because of definitional problems.

c. CIR's present statements relating to coverage of the products included in those reports. In selected cases, appropriate explanations are provided to those reports regarding differences published therein and the data shown here.

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